INTERNATIONAL UNION OF CRYSTALLOGRAPHY

TWENTY-SEVENTH GENERAL ASSEMBLY

Appendix 1 to Agenda

Approval of Agenda

By-Law 1.7 requires that, unless decided otherwise by the General Assembly, matters concerning adherence to the Union shall take precedence over all other business at the first business session of the General Assembly.

Appendix 2 to Agenda

Amendments to Statutes and By-Laws affecting adherence to the Union

There are no proposals to amend the Statutes and By-Laws in matters affecting adherence to the Union.

Appendix 3 to Agenda

Applications for membership of the Union

There are no applications for membership.

Appendix 4 to Agenda

Withdrawal of Adhering Bodies

Guatemala

The Adhering Body representing Guatemala, the National Secretariat of Science and Technology, has requested to withdraw their membership due to financial concerns. If there are no further developments, the General Assembly will be asked to confirm the withdrawal of the Adhering Body for Guatemala.

Albania, Algeria, Cameroon, Chile, Egypt and Tunisia

The Adhering Bodies representing Albania, Algeria, Cameroon, Chile, Egypt and Tunisia are in arrears of payment of subscriptions for four or more years and, in accordance with the IUCr Statutes, their memberships have been suspended.

The General Assembly is asked to consider, for each Adhering Body in turn, one of the following actions:

cancellation of the membership of the Adhering Body in the IUCr; or

continuation of the suspension of the Adhering Body, with no further subscription arrears being accumulated during the period of suspension, while maintaining the requirement that the outstanding debt to the IUCr be settled before any future reinstatement can be considered.

Appendix 5 to Agenda

Changes in names of Adhering Bodies

United States of America

The Adhering Body for the USA is now the American Union of Crystallography (AUC), (formerly the National Academy of Sciences - National Research Council). The Executive Committee was consulted during the process and recommends to the General Assembly that the change be approved.

Appendix 6 to Agenda

Changes in Category of Adherence of Adhering Bodies

There have been no requests to change membership category from the adhering bodies.

Appendix 7 to Agenda

Approval of Minutes of Twenty-Sixth General Assembly

The Minutes of the Assembly are contained in the Report of the Twenty-Sixth General Assembly and International Congress of Crystallography published in *Acta Crystallographica* Section A [Acta Cryst. (2026), A82] https://doi.org/10.1107/S2053273325001329 (2026). Copies of this Report were sent to the Secretaries of all National Committees for Crystallography.

Appendix 8 to Agenda

Amendments to Statutes and By-Laws not affecting adherence to the Union

There are no proposals to amend the By-Laws in matters not affecting adherence to the Union.

Appendix 9 to Agenda

Report of Executive Committee

Executive Committee and Finance Committee meetings

The Executive Committee met in Denver, Colorado, USA, in July 2024 at the time of the American Crystallographic Meeting and again in Poznan, Poland in August 2025 at the time of the European Crystallographic Meeting. The Finance Committee met in March of 2024, 2025 and 2026, and July of 2024 and August of 2025, to prepare its advice and recommendations on finances, establishment and staff matters.

The most important items of business dealt with by the Executive Committee during the triennium at these meetings, and in e-mail ballots between meetings, were:

selection of a new Editor-in-Chief, editorial policy, pricing policy, review of work of Journals Management Board, development of *the Journals*, approval of appointments of Main Editors, approval of appointments of Co-editors, Special Issues, open access, and other matters concerning the IUCr journals;

approval of audited accounts for the previous year;

level of unit contribution, status of membership subscriptions;

sponsorship and financial support for meetings, young scientists' support, revision of internal guidelines,

progress with Volumes A, A1, B, C, D, E, F, G, H and I of *International Tables* and development of associated software,

IUCr Newsletter, *World Database of Crystallographers*;

marketing and promotional activities;

Outreach and Education;

LAAAMP and other activities;

OpenLabs and other activities;

revision of prize guidelines and proceedures, updates on the Ewald, Struchkov and Bragg Prizes;

discussion and consideration of progress of arrangements for Calgary Congress;

approval of programme for Calgary Congress;

review of nominations and election procedures for Officers of the IUCr and for Chairs and members of Commissions, proposals from National Committees for these positions.

IUCr web site;

approval of publications, jointly with Oxford University Press, in the IUCr/OUP Book Series;

Crystallography in Africa;

Items concerning the Chester office were:

staffing requirements in the IUCr office in Chester;

risk analysis;

Closure of premises and dilapidations;

Publications

Volume 81 of Acta Crystallographica, Volume 58 of Journal of Applied Crystallography (JAC), Volume 32 of Journal of Synchrotron Radiation (JSR), Volume 12 of IUCrJ and Volume 10 of IUCrData were published. The open-access charges for journals published in partnership with Wiley are as follows: *Acta B* were unchanged, while the charges for *Acta A*, Acta C, *Acta D*, *Acta F* and *Journal of Applied Crystallography* were increased. The charges for the IUCr's self-published and fully open-access journals, *IUCrJ, JSR, Acta E* and *IUCrData* were also increased.

The total annual number of pages published in 2023, 2024 and 2025 were:

	2023	*2024*	*2025*
Acta Crystallographica Section A	601	465	477
Acta Crystallographica Section B	546	508	604
Acta Crystallographica Section C	529	765	742
Acta Crystallographica Section D	1,119	818	768
Acta Crystallographica Section E	1,227	1,243	1,199
Acta Crystallographica Section F	307	327	526
Journal of Applied Crystallography	1,631	1,699	2,165
Journal of Synchrotron Radiation	1,183	1,626	1,594
IUCrJ	771	1,006	724
IUCrData	388	323	371
Total	8,555	8,780	9,170

All the IUCr journals are available electronically through the Crystallography Journals Online service, including all back issues of the journals from 1948, and all the hybrid journals are also available through Wiley Online Library. From January 2014 all journals have been available online only. *IUCrJ, JSR, Acta E* and *IUCrData* are fully open access.

The IUCr home page on the web (http://www.iucr.org/) contains information in the following categories: The Union and its Components (including information on Adhering Bodies, Commissions, Regional Associates, Annual Reports, Congress Reports, sponsorship available, *etc*.); Journals, *International Tables* and Other Publications; News (including the *IUCr Newsletter*, announcements, meeting reports *etc*.); People (including the photographic archive); Resources (including discussion lists); Education (including the *Online Dictionary of Crystallography*); and Outreach.

Full details on the publication of volumes of *International Tables for Crystallography* are given in the Annual Report of this Commission (Appendix 15 to the Agenda).

The *World Database of Crystallographers* continues to undergo development to provide increased functionality and to allow online amendments and additions to be made by individual crystallographers. The *IUCr Newsletter* is distributed electronically free of charge to 13 500 crystallographers and structural scientists worldwide.

A. M. Glazer is the Editor with production done in the IUCr Chester office. A report on the *IUCr Newsletter* is given in Appendix 17 to the Agenda.

The IUCr/Oxford University Press Book Series continues to be successful. Details are given in Appendix 21 to the Agenda.

Sponsorship of meetings

The Meeting Support Committee considers and advises the Executive Committee on requests for IUCr sponsorship and financial support of meetings. The Chair of the committee is M. C. Nonato. A list of IUCr-sponsored meetings is given in Appendix 27 to the Agenda.

Details of how to apply for financial support, along with guidelines are available on the IUCr website.

Visiting Professorship Scheme

The IUCr Visiting Professorship scheme aims to support some of the costs of having internationally recognized scientists as lecturers for short courses at workshops or schools organized in developing countries. Support from at least one IUCr Commission is required. Applications will be considered by the Meeting Support Committee.

Commissions of the IUCr

Each Commission Chair is required to provide a written annual report to the General Assembly. These reports are included as Appendix 22 to the Agenda. Financial assistance has again been offered to the Commission Chairs, to enable them to attend the General Assembly for the presentation and discussion of their reports and to meet the Executive Committee prior to the General Assembly.

Regional Associates, Scientific Associates, and other bodies
The reports of the Representatives on these bodies are given as separate Appendices 25 and 26 to the Agenda.

IUCr staff

The present members of staff in the IUCr offices in Chester are: A. Stanley, (Chief Executive Officer), H. Jackson and C. Jones (Administrative Assistant to the Chief Executive Officer), K. Vukmirovic (Head of Publishing Strategy), L.E. Jones (Head of Publishing Operations), D. Holden (Head of R. & D.), K. Bowman (Marketing and Communications Manager), J. Skade (Journals Development Editor), C.A. Moore (Editorial Systems Developer), A.S. Berry (Technical Editor and Customer Support Officer), S. Glynn, A. Hill. G.F. Holmes, S. Conway, A. Weight, N.J. Ashcroft and L. Stephenson (Managing Editors), S. Froggatt, and M. Bates (Technical Editors), M.A. Hoyland, P. Gibson and Song Sang Koh (Systems Developer).

Acknowledgements

On behalf of the IUCr, the Executive Committee wishes to express its deep gratitude to the Society of Crystallographers in Canada for the invitation to hold the Twenty-Seventh General Assembly and International Congress of Crystallography in Calgary.

Finally, the Executive Committee wishes to thank all crystallographers who have assisted in the work of the IUCr in so many ways. This cooperation between crystallographers of different nationalities constitutes a most valuable aspect of the IUCr's activities.

Appendix 10 to Agenda

Financial Report

Extracts from the full financial statements for the three years 2023, 2024 and 2025 are summarized in Tables 1–2. All amounts are expressed in United States Dollars. The notations used in this report for the various currencies of the IUCr's activities are CHF = Swiss Franc, GBP = Pound Sterling, USD = US Dollar.

TABLE 1. BALANCE SHEET, ASSETS. US Dollars

	31 December 2023		*31 December 2024*		*31 December 2025*	
FIXED ASSETS						
Tangible fixed assets		27,739		21,230		22,723
Investments at market value		2,869,134		2,909,296		3,349,894
		2,896,873		2,930,526		3,372,617
CURRENT ASSETS						
Stock	7,902		2,592		9,878	
Debtors	316,150		639,146		544,681	
Cash at bank and in hand	1,701,193		1,362,834		1,490,254	
	2,025,245		2,004,572		2,044,813	
Creditors: amounts falling due within one year	-1,112,756		-1,191,651		-1,443,738	
NET CURRENT ASSETS		912,489		812,921		601,075
TOTAL ASSETS		3,809,362		3,743,447		3,973,692

Table 1 shows a comparison of the balance sheets over the three-year period from 31 December 2023 to 31 December 2025. Total assets increased from USD 3,809,362 at the beginning of the triennium to USD 3,973,692 at the end, an increase of USD 164,330 or 4.3%. This represents a recovery from the decline in total assets experienced during the previous reporting period.
The value of investments increased significantly during the triennium, rising from USD 2,869,134 at 31 December 2023 to USD 3,349,894 at 31 December 2025, an increase of USD 480,760 or 16.8%. As a result, total fixed assets increased from USD 2,896,873 to USD 3,372,617. The growth in investment values largely offset continuing operational pressures and contributed substantially to the improvement in the Union's overall financial position.

Current assets remained relatively stable, increasing slightly from USD 2,025,245 in 2023 to USD 2,044,813 in 2025. Cash at bank and in hand declined during 2024 before recovering in 2025 to USD 1,490,254. Debtors increased significantly in 2024 before reducing again in 2025, although remaining above the level reported at the start of the triennium. The majority of amounts reported under debtors and creditors were settled in the normal course of business following the year end.

Creditors falling due within one year increased from USD 1,112,756 at 31 December 2023 to USD 1,443,738 at 31 December 2025. Consequently, net current assets decreased from USD 912,489 to USD 601,075 over the triennium. While this reflects a tightening of short-term liquidity, the Union continues to maintain substantial cash reserves and investment holdings.

The total holding of investments at market value on 31 December 2025 was USD 3,349,894. The IUCr bank accounts and short-term deposits continue to be held with the Union Bank of Switzerland and the National Westminster Bank in CHF, GBP and USD. As an association incorporated in Switzerland, the IUCr remains exempt from Swiss Federal and Geneva Cantonal Tax. Under the terms of applicable double taxation agreements, investment income received under current circumstances continues to be exempt from taxation. Recognition of tax-exempt status in the USA by the Internal Revenue Service remains unchanged.

TABLE 2. INCOME AND EXPENDITURE. US Dollars

	2023		2024		2025	
I. INCOME						
Membership income		197,070		184,411		214,270
Journals, back numbers and single issues	1,748,591		1,631,853		1,599,957	
Open access income	1,105,124		1,610,069		1,493,508	
Books	72,818		80,330		93,270	
Donations Received	5,258		53,027		55,859	
		2,931,791		3,375,279		3,242,594
Income from investments	33,824		29,622		56,496	
Bank interest	8,432		9,636		9,189	
		42,256		39,258		65,685
Royalties and copyright fees	39,814		35,803		36,197	
Advertising income	15,811		34,377		30,600	
Checking services	24,249		21,753		30,645	
Associates programme	9,641		10,076		18,223	
		89,515		102,009		115,665
TOTAL INCOME		3,260,632		3,700,957		3,638,214
II. EXPENDITURE						
Journals						
Publication costs	(654,046)		(727,616)		(634,693)	
Editorial expenses	(81,631)		(182,324)		(337,108)	
Technical editing	(1,162,318)		(1,156,416)		(1,219,101)	
Subscription administration	(63,099)		(67,722)		(66,822)	
Journal development costs	(499,319)		(505,294)		(509,441)	
Checking services	(32,446)		(37,190)		(16,404)	
		(2,492,859)		(2,676,562)		(2,783,569)
Books						
Editorial expenses	(6,518)		20,853		6,046	
Technical editing	(61,500)		(61,500)		(61,500)	
		(68,018)		(40,647)		(55,454)
Outreach and education						

Outreach	(119,499)		(40,622)		(5,787)	
Young scientists' support	(69,828)		(140,441)		(116,628)	
		(189,327)		(181,063)		(122,415)
General Assembly costs		(15,900)		0		0
Ewald Prize						
Promotion, advertising and marketing costs		(123,300)		(118,972)		(105,956)
Newsletter costs		(10,110)		(10,476)		(5,848)
Administrative expenses						
Bad and doubtful debts	(11,468)		(4,336)		(7,743)	
Committee meetings and expenses	(103,110)		(61,660)		(37,909)	
Subscriptions	(4,891)		(4,897)		(5,007)	
Audit and accountancy fees	(31,945)		(22,391)		(28,533)	
Legal and professional fees	(3,850)		(42,048)		(1,798)	
Recruitment fees	-		(29,364)		-	
Bank charges	(37,486)		(39,669)		(42,700)	
Travel expenses	(9,444)		(17,966)		(7,853)	
Executive office salaries	(169,754)		(169,563)		(241,121)	
Sponsorship of meetings	-		(639)		(1,193)	
Charitable donations	(9,989)		(1,062)		(1,801)	
		(381,937)		(393,595)		(375,658)
Chester office expenses						
Office costs	(346,547)		(349,037)		(365,222)	
Staff overheads	(27,430)		(33,896)		(1,723)	
		(373,977)		(382,933)		(366,945)
Depreciation		(18,435)		(11,468)		(10,882)
TOTAL EXPENDITURE		(3,673,863)		(3,815,716)		(3,826,727)
SURPLUS OF INCOME OVER EXPENDITURE		(413,231)		(114,759)		(188,513)
Other gains and losses						
MOVEMENT IN MARKET VALUE OF INVESTMENTS	128,488		181,050		201,235	
EXCHANGE MOVEMENTS ON TRADING ACTIVITIES	8,733		(84,420)		42,722	
EXCHANGE DIFFERENCES ON INVESTMENT ACTIVITIES	127,667		(47,786)		174,801	
		264,888		48,844		418,758
TOTAL RECOGNISED GAINS RELATING TO THE YEAR		(148,343)		(65,915)		230,245
ACCUMULATED BALANCE AT 1 JANUARY		4,019,606		3,809,362		3,743,447
ACCUMULATED BALANCE AT 31 DECEMBER		3,809,362		3,743,447		3,973,692

The academic publishing environment continues to face significant challenges, with increasing competition, changing publishing models and rising operating costs. These factors continued to place pressure on the Union's financial performance throughout the triennium.

Total income increased from USD 3,260,632 in 2023 to USD 3,638,214 in 2025. The principal source of income remained the Union's journals programme. Subscription and related journal income declined gradually over the period, from USD 1,748,591 in 2023 to USD 1,599,957 in 2025, reflecting wider trends in academic publishing. However, this reduction was partly offset by strong open-access revenues, which increased significantly compared with previous years and exceeded USD 1.49 million in 2025. Income from books, donations, advertising, checking services and the Associates Programme also showed generally positive growth over the triennium.

Total expenditure increased from USD 3,673,863 in 2023 to USD 3,826,727 in 2025. Journal publication activities continued to represent the largest area of expenditure, particularly technical editing, publication costs and journal development. Editorial costs increased substantially during the triennium, while technical editing costs remained broadly stable at approximately USD 1.2 million per annum. Administrative and office costs remained generally well controlled, although executive office salary costs increased during 2025 following staffing changes and inflationary pressures.

The Union continued its support for outreach, education and young scientists. Expenditure on outreach activities declined significantly during the triennium as specific projects reached completion, while support for young scientists remained a major component of the Union's charitable activities.
As a consequence of these factors, expenditure exceeded income in each year of the triennium, resulting in operating deficits of USD 413,231 in 2023, USD 114,759 in 2024 and USD 188,513 in 2025. The cumulative operating deficit over the three-year period was USD 716,503.

Investment markets performed strongly during the triennium. Gains arising from increases in the market value of investments totalled USD 510,773 over the three years, while favourable exchange-rate movements on investment holdings contributed a further net gain of USD 254,682. These gains substantially offset the operating deficits incurred during the period.

After taking account of investment valuation movements and exchange-rate effects, the Union recorded total recognised losses of USD 148,343 in 2023 and USD 65,915 in 2024, followed by a total recognised gain of USD 230,245 in 2025. As a result, the accumulated balance increased from USD 3,743,447 at 31 December 2024 to USD 3,973,692 at 31 December 2025, exceeding the level reported at the beginning of the triennium.

While the Union's reserves remain strong and investment performance has been favourable, the continuing operating deficits indicate that expenditure remains above recurring income and will require ongoing monitoring to ensure long-term financial sustainability.

Appendix 11 to Agenda

Prizes

11.1 Ewald Prize

The establishment of the Ewald Prize, for outstanding contributions to the science of crystallography, was announced in February 1986 and was given wide publicity. The name of the Prize was chosen with the kind consent of the late Paul Peter Ewald, to recognise Professor Ewald's significant contributions to the foundations of crystallography and to the founding of the International Union of Crystallography, especially his services as the President of the Provisional International Crystallographic Committee from 1946 to 1948, as the first Editor of the IUCr's publication *Acta Crystallographica* from 1948 to 1959, and as the President of the IUCr from 1960 to 1963.

Shortly after the death of Professor Ewald, his family informed the President that Professor Ewald had wished to make a bequest to the IUCr. After consulting Mrs Ewald, this generous bequest, together with a donation from the Ewald family and a donation from the IUCr, was used as starting capital for the Ewald Prize. The interest from this capital and further donations from the IUCr are used to finance the Prize.

The Prize consists of a medal, a certificate and a financial award. It is presented once every three years during the triennial International Congresses of Crystallography. The fourteenth Ewald Prize will be presented at the Calgary Congress in August 2026.

The fourteenth Ewald Prize has been awarded to

Professor Gautam R. Desiraju

for pioneering the subject of crystal engineering and the supramolecular synthon concept, and for establishing the structural significance of weak hydrogen bonding and halogen bonding in molecular crystals and biology.

The 14th Ewald Prize is awarded to Professor Gautam R. Desiraju, Professor Emeritus in the Solid State and Structural Chemistry Unit at the Indian Institute of Science, Bengaluru, Distinguished Professor at the University of Petroleum and Energy Studies, Dehradun, Professor at the School of Technology, Rishihood University, Sonipat and Distinguished Professor in the Centre of Indian Knowledge Systems and Mental Health Applications at the Indian Institute of Technology Mandi. He received his PhD from the University of Illinois at Urbana–Champaign in 1976 and, following research at the Eastman Kodak Company, Rochester, returned to India in 1978 to pursue a distinguished academic career spanning the University of Hyderabad and the Indian Institute of Science.

Professor Desiraju is internationally well known for his work on crystal engineering and weak hydrogen bonds and is recognised for establishing crystal engineering as a predictive, design-oriented discipline within structural chemistry. His 1989 monograph, Crystal Engineering: The Design of Organic Solids, provided the first comprehensive, extended definition of the field, framing it as the understanding and application of intermolecular interactions in the strategic design of molecular solids with specific properties.

In 1995, he introduced the concept of the supramolecular synthon, identifying this module, the core of a crystal structure, as a synthetic target, thereby enabling a retrosynthetic approach that has transformed crystal design and become foundational to modern crystal engineering.

He has also played a central role in securing broad acceptance of weak hydrogen bonds—particularly C–H···O interactions—as structurally and functionally significant in both small-molecule crystals and biological systems. His work has extended to halogen bonding and to international standard-setting, including participation in IUPAC groups that formulated definitions of the hydrogen bond, the halogen bond and similar interactions involving electrophilic chalcogen, pnictogen and tetrel atoms.

His later work, both on the supramolecular synthon and weak interactions, reinforces our understanding of the molecular crystal as a complex system, in other words, a holistic crystal.

As the author of more than 475 research papers with over 80,000 citations (h-index approximately 105), Professor Desiraju is among the most highly cited scientists in structural chemistry. His service to the Union includes his presidency of the IUCr from 2011 to 2014 and he has published a Monograph on Crystallography, together with Thomas Steiner, in the IUCr-OUP book series titled "The Weak Hydrogen Bond In Structural Chemistry and Biology". He is also recognised for his role in activities related to the International Year of Crystallography (IYCr2014) and for its impact on the development of crystallography worldwide, especially in developing countries. Through his research, scholarship and leadership, he has reshaped how crystallographers understand intermolecular interactions and design functional molecular solids.

Professor Desiraju will deliver the Ewald Prize Lecture during the Opening Ceremony of the 27th IUCr Congress on 11 August 2026.

11.2 W. H. & W. L. Bragg Prize

In 2017 the IUCr established the W. H. & W. L. Bragg Prize to be awarded to up to two promising early-career crystallographers. The Prize will be awarded at IUCr Congresses. The awardee(s) will receive a certificate and a financial reward, and will be invited to make a presentation at the Congress on a topic related to the prize citation. The third Bragg Prize will be presented at the Calgary Congress in August 2026. Research achievement relative to opportunity will define the eligibility of candidates for this award. For this purpose an “early-career researcher” is defined as one who received their PhD no more than 10 years before the closing date for nominations. Academic interruptions, including periods of parental leave, are taken into account.

The 2026 W. H. and W. L. Bragg Prize for outstanding early-career crystallographers has been awarded to **Luca Catalano** (Associate Professor, University of Modena and Reggio Emilia, Italy) for pioneering contributions to crystal engineering and lattice dynamics, advancing the understanding and control of structure–property–dynamics relationships in functional molecular crystals.

His research centres on crystal engineering and lattice dynamics, with particular emphasis on understanding and controlling structure–property–dynamics relationships in molecular crystalline materials. By integrating single-crystal X-ray diffraction, vibrational spectroscopy and thermal analysis, he has contributed to elucidating polymorphic phase transitions, mechanical responsiveness and phonon-driven phenomena in functional organic solids.

After completing his PhD in Industrial Chemistry and Chemical Engineering at the Politecnico di Milano (awarded cum laude), Catalano held postdoctoral and research appointments at leading international institutions, including New York University Abu Dhabi, the University of Liverpool, the Université Libre de Bruxelles (as an MSCA Cofund Fellow) and the University of Rochester, where he currently serves as a Visiting Scientist. His work builds upon early contributions to halogen bonding and has developed towards pioneering studies on dynamic crystals, polymorphism and terahertz lattice dynamics.

Catalano has a publication record comprising of more than 45 peer-reviewed articles in leading international journals and plays an active leadership role within the crystallographic community. Dr Catalano contributes to the community through his role as Topic Editor of Crystal Growth & Design (ACS) and reviewing for IUCrJ. He has a significant record of outreach activities and organises and chairs international symposia dedicated to lattice dynamics and crystal engineering. In 2025, he was awarded the Mario Nardelli Prize of the Italian Crystallographic Association, recognising him as Italy’s leading crystallographer under the age of 40. Through his research and service, he has advanced the integration of crystallography with materials chemistry and solid-state physics, contributing to the development of responsive and sustainable molecular materials.

Dr Catalano will present a Keynote Lecture during the 27th IUCr Congress in Calgary, Canada, in August 2026.

11.3 Struchkov Prize

The Prize honours the legacy of Professor Yuri T. Struchkov (1926–1995), a pioneering Russian crystallographer who made significant contributions to the structural chemistry of organic and organometallic compounds. Professor Yuri T. Struchkov (1926-1995) was an outstanding Russian crystallographer who made substantial contributions to the structural chemistry of organic and organometallic compounds. He was the founder and longtime director of the X-Ray Structural Centre of the Russian Academy of Sciences,

one of the most productive laboratories in the field of "small molecule" organic crystallography. He served as a member of the Executive Committee of the IUCr in 1990-1993 and was elected the Vice-President of the IUCr at the XVI General Assembly in Beijing in 1993. He did not finish his term as a VP, as he passed away in August 1995. In order to commemorate the life achievements of Professor Struchkov, his friends and former colleagues established the Struchkov Prize in 1997. Between 1997 and 2020, the Prize was awarded annually to a young (<35 years) scientist from the Former Soviet Union (FSU) for the best research work in the field of X-ray crystallography. The winner received a diploma and a prize, which started at USD 500 in 1997. Since its inception, the Struchkov Prize Association held 24 annual competitions, awarded almost 30 top and more than 50 secondary prizes. Since 2000, the Prize was funded by former colleagues and students of Professor Struchkov, researchers who used to know him personally or were closely familiar and appreciative of his scientific achievements as well as his contributions to the organization and development of chemical crystallography in Russia. The Struchkov Prize Association, a non-profit organization registered in the USA, was also supported by corporate sponsors. Over time, the annual prize fund increased substantially, from USD 500 in 1997 to more than USD 5,000 in 2019; 100% of all donations collected during any current year were distributed among the winners of the Struchkov competition by the end of the same year. The Association was especially happy to see recent laureates among the supporters of subsequent Prizes. In order to ensure the longevity of the Prize, the Association asked the IUCr to administer the Prize.

Since 2020, the Prize has been bestowed by the IUCr every triennium at the IUCr Congress and General Assembly beginning in Melbourne in 2023, with up to three winners (under 35 years of age at the time of the submission deadline) being awarded Prizes at each Congress for outstanding achievements in small-molecule X-ray diffraction methods application in the fields of chemistry, crystal chemistry or material science. The Association has endowed a Prize Fund. Any interest earned on the Fund, along with any donations received during the triennium, will be split equally between the winners. The principal of the Fund can never be used to supplement the Prize. The IUCr will select a committee that will consider nominations and determine the winners.

Dr Erik Svensson Grape (Uppsala University, Sweden and the University of Oregon, USA) has won the 2026 Struchkov Prize for outstanding contributions to small-molecule crystallography, including the elucidation of historically and pharmaceutically significant structures and pioneering structural studies of porous framework materials.

Dr Erik Svensson Grape is a postdoctoral fellow jointly affiliated with Uppsala University, Sweden, and the University of Oregon, USA. He received his PhD in Inorganic Chemistry from Stockholm University in 2022, having previously completed BSc and MSc degrees in Materials Chemistry at the same institution.

Dr Svensson Grape's research focuses on small-molecule crystallography and structural chemistry, with particular emphasis on porous crystalline materials and metal–organic frameworks. During his doctoral studies, he combined advanced crystallographic techniques—including single-crystal X-ray diffraction, powder diffraction and three-dimensional electron diffraction—to resolve long-standing structural problems. Notably, he determined the crystal structure of bismuth subsalicylate, a widely used pharmaceutical compound, and elucidated the structure of carmine, a historically significant pigment, revealing its porous character.

In his postdoctoral research, he has continued to advance the structural understanding of framework materials, including detailed investigations of topology–property relationships and size-dependent thermal behaviour in porous nanocrystals. Supported by a Swedish Research Council International Postdoctoral Grant, Dr Svensson Grape is developing crystallographic approaches that bridge molecular-scale structure and the rational design of functional materials. His work demonstrates the enduring importance of rigorous small-molecule crystallography in addressing contemporary challenges in materials chemistry.

Dr Svensson Grape will deliver the Struchkov Prize Keynote at the 27th IUCr Congress.

Appendix 12 to Agenda

Outreach and Education

The Outreach Committee (OuC) was established in 2024 by IUCr President and Executive Committee (EC) as a sub-committee of the EC. The OuC purpose is to supervise and guide various IUCr Outreach activities (see https://www.iucr.org/iucr/governance/advisorycommittees/outreach-committee). In 2025 the OuC met remotely on several occasions. IUCr Outreach Activities are traditionally proposed, run and managed by recognized crystallographers who deeply care about propagating Structural Sciences, Science and IUCr values around the world. All these actions are modestly supported by the IUCr outreach fund. The OuC budget for 2025, as suggested by Finance Committee (FC) and approved by EC, was 30,000 USD.

In 2025 the IUCr outreach activities were as follows:
Worldwide: Crystal growth competition for school children organized by prof Luc Van Meervelt. The list of laureates of the video competition is presented in IUCr Newsletter. (IUCr) Winners of the 2025 IUCr Crystal Growing Competition

Africa: 2025 was a very fruitful year for African crystallography. AFRAMED project (funded by UNESCO, IUCr and CNRS) https://www.iucr.org/news/newsletter/etc/articles?issue=158542&result_138339_result_page=21 was a part of IUCr Africa Initiative https://www.iucr.org/outreach/africa Three courses and Open Labs with remote facilities (connected to diffractometers at the CNRS Université de Lorraine CRM2 laboratory, Nancy, France) were organized by Claude Lecomte and Emmanuel Wenger. A 10 day crystallography and diffraction school with remote experiments was organized in Togo (Université de Lomé) by P. Baneto and Dr A. Hounsi with input from Prof. Lecomte. The 2025 activities in Togo and Ivory Coast concluded the Africa Project. Future decisions and activities in Africa will be spearheaded by AfCA, as Prof. Claude Lecomte has retired in 2026. We are all very grateful to Claude for his tireless work to promote, propagate and teach structural science in so many African countries. The 2025 report written by a

Sudanese participant involved in AFRAMED project was published in IUCr Newsletter. https://www.iucr.org/news/newsletter/etc/articles?issue=161674&result_138339_result_page=6

In Kenya, a team of scientists from Spain (Juan Manuel Garcia-Ruiz) and Kenya (headed by Solomon Derese and Martin Mbugua) successfully organised the first crystallisation contest, completed on 25 January 2025. This contest was the second part of the programme "Learning how science works with crystals", that started with the workshop "Crystallography at the School" held in late November 2023. During the workshop, high school teachers were trained on the fundamentals of crystallography and practical ways of growing crystals. This event featured sixteen teams involving sixty-six students from five schools. This contest was organized by a Spanish team (CSIC/DIPC) lead by Juan Manuel Garcia-Ruiz and Fermin Otalora in collaboration with a Kenyan team (UoN/AESA) https://kenyancrystallizat.wixsite.com/blog. IUCr President Santiago Garcia-Granda attended the award ceremony via video conference, enthusiastically praising the whole activity. For 2026, Prof. Garcia-Ruiz together with Prof. Yuki Kimura are planning the COSPAR - IUCr Capacity Building Workshop on "Mineral and Materials Sciences for Space Exploration", https://cospar.uonbi.ac.ke/ followed by a field trip to the Rift Valley with the team of the Sinergy project.

Latin America and Caribbean: In Jamaica Michele Zema and Dr Marvadeen Singh-Wilmot launched the Caribbean Regional X-ray Science Toward Advancement Laboratory (crXstal) supported by UWIMona, LAAAMP, UNIBO- Global South and the IUCr as reported in the IUCr Newsletter article. The inaugural Caribbean Crystallography School, held in 2025 co-organised by UWI Mona and LAAAMP, with the partnership of Bruker AXS and the CCDC, supported, among the others, by the IUCr (pre-school sessions were held on May 19th and 21st), was a huge achievement for the regional crystallographic community of the Caribbeans. https://www.iucr.org/news/newsletter/volume-33/number-4/ccs2025.

The LAAAMP project https://www.iucr.org/outreach/laamp that started in 2016 continues. In 2025 IUCr Vice President, Graciela Diaz-Delgado, was a member of the LAAAMP Executive Committee and a Member of the Liaison Committee of the ISC Regional Focal Point for the Latin American and Caribbean Region. The full report, as well as including captivating pictures of all the mentioned above activities, will be presented on the Outreach webpage on the IUCr website thanks to help of Kezia Bowman, IUCr Marketing and Communications Manager. The Outreach Committee would like to express their gratitude to all the scientists and staff members working hard to make the Outreach Initiative such a success. We are also grateful to the IUCr Journals' editors who donate their gratifications to the Outreach Fund.

The annual report for 2023 can be found in section B2 here: https://doi.org/10.1107/S2053273324005990/es5055sup2.pdf

The annual report for 2024 can be found in section B2 in Appendix B.

H. Dabkowska, Chair

Appendix 13 to Agenda

IUCr Associates Programme

The IUCr officially launched its voluntary Associates Programme at the Hyderabad Congress. The Programme offers a series of benefits and tools to help Associates network, share ideas and discover more about crystallography. In addition, those who join will be supporting the IUCr in its many charitable activities, such as sponsoring international meetings and schools and its OpenLabs initiative.

The benefits of joining include, for example, a 20% discount on the open-access fee for publishing an article in an IUCr journal, the facility to download 6 free articles from Crystallography Journals Online, a 50% discount for individuals purchasing the print version of *International Tables for Crystallography*, and many others.

The Associates Programme welcomes individuals at any stage of their career, from undergraduates to postdoctoral and senior researchers (a reduced joining rate is available for students and retired scientists). The IUCr also offers three categories for Corporate Associates, each with different levels of benefits and visibility. We thank Dectris, Rigaku and Bruker for joining in Category 1, ThermoFisher Scientific and Oxford Cryo Systems for joining in Category 2 and Stoe and Anton Paar for joining in Category 3.

Appendix 14 to Agenda

Commission on Journals

Awaiting report.

The annual report for 2023 can be found in section A1 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A1 in Appendix A.

Appendix 15 to Agenda

Commission on International Tables

International Tables for Crystallography is a major reference work published by the IUCr in conjunction with Wiley. Ten volumes designated A (and A1) through I are currently available. All are available both electronically and in print. The book *Teaching Edition: Crystallographic Symmetry* (the TE; print only) is also a part of the series. The *Symmetry Database* is a related online resource.

Progress on the volumes of *International Tables* was hampered in 2025 by very limited availability of staff time in Chester and by uncertainty about the future direction of the series.

Some of the volumes (especially A, A1, and E) contain crucial tables that are available (legally) nowhere else. (Scanned copies turn up regularly on the internet and, when found, are reported to Wiley.) Vol. G contains critical infrastructure (such as the cif dictionaries) needed for the publication, exchange, and use of structural data. Other volumes are compilations of tables and explanations that may exist elsewhere but can be difficult to find. Many of the volumes include some historical information.

The series developed and was very successful for many years but has encountered problems recently. Scientists cannot afford to spend time writing specifically for International Tables because such articles do not always "count" when "productivity" is being assessed. Library budgets are under pressure, with journals usually considered more valuable than books. Many users need only one or a few volumes, but at present electronic access to individual volumes is not possible; the electronic versions are only available via an annual subscription to the whole series.

To solve the authorship problem, the IUCr has developed a scheme by which articles appear first in an IUCr journal and are then be added to the appropriate volume of International Tables. This scheme is yet to be implemented for recent volumes.

Descriptions of activities during 2025 for the individual volumes follow:

Vol. A (*Space-group symmetry*; most recent online edition is dated 2016; editor Mois Aroyo)
TE (*Teaching Edition: Crystallographic Symmetry*; current edition is dated 2021; editor Mois Aroyo)
Symmetry Database server of the Online Edition of International Tables (updated continuously; editor Mois Aroyo)

No work was done during 2025 on Vol. A or the *TE*. Corrections and desirable changes identified before 2025 have not yet been made.

As a consequence of the contract between eFaber (Bilbao) and the IUCr Editorial Office in Chester, there were new developments of the Symmetry Database including certain improvements of the presentation of the space-group symmetry data and of the visualization tools. The current visualization space-group tool is based on JSmol, and it is being developed together with Robert Hanson, the author of JSmol.

It is not possible to find any information about the Teaching Edition of the *Symmetry Database* on the website of *International Tables*. It had been agreed that there should be free access to the Teaching Edition of the *Symmetry Database* but it has not yet been provided.

Vol. A1 (*Symmetry relations between space groups*; most recent online edition is dated 2011; editor was Ulrich Müller, who has retired). There were no activities in 2025, but a possible successor to Müller has been identified.

Vol. B (*Reciprocal space*; most recent online edition is dated 2010; editor is Gervais Chapuis). There were no activities in 2025.

Vol. C (*Mathematical, physical and chemical tables*; online edition is dated 2006; editor is Richard Welberry). No new chapters were added in 2025 to the nine already available online. Several other chapters have been awaiting typesetting since 2024.

Vol. D (*Physical properties of crystals*; most recent online edition is dated 2013; editor was the late André Authier). There were no activities in 2025.

Vol. E (*Subperiodic groups*; most recent online edition is dated 2010; editor is Gotzon Madariaga). In 2025 two papers related to material in Vol. E were published:

Complete online database of maximal subgroups of subperiodic groups at the Bilbao Crystallographic Server [de la Flor, G., Wondratschek,H. & Aroyo. M. I. (2025). J. Appl. Cryst. 58, 622-629; https://doi.org/10.1107/S1600576725001499]

and
Symmetries of all lines in monolayer crystals [Field, B. & Griffin, S. M. (1925). Acta Cryst. A81, 339-349; https://doi.org/10.1107/S205327332500422X]
Some or all of this material may be incorporated into Vol. E.

Several errors and inconsistencies in Vol. E have been noted, but they still await correction. The presentation of the scanning tables is being actively reconsidered; the aim is to make them easier for non-mathematicians to use. The Editor has sent out two rounds of proposed revisions to three consultants and has received feedback.

Vol. F (*Crystallography of biological macromolecules*; most recent online edition is dated 2012; editors are Liang Tong, Eddy Arnold, and the late Michael Rossmann). There were no activities in 2025.

Vol. G (*Definition and exchange of crystallographic data*; online edition is dated 2006; editors are Brian McMahon and James Hester). The Second Edition, which is both an update and a major extension of the 2006 volume, is now in production. Individual chapters will begin to appear online during 2026. The volume will contain eight Parts, 50 chapters in all, describing the CIF formalism and ontology, supporting software, and applications in publishing, databases and the management of experimental data. Completion of individual dictionary chapters will be accompanied by formal release of the latest machine-readable versions of those dictionaries. Finalization of this volume is expected before the end of 2027. When Vol. G is published an article describing its contents and significance will be submitted to the IUCr Newsletter.

Vol. H (*Powder diffraction*; new volume in 2019; editors are the late Henk Schenk, Chris Gilmore, who has retired, & Jim Kaduk). There were no activities in 2025.

Vol. I (*X-ray absorption spectroscopy and related techniques*; new volume in 2024; editors Chris Chantler, Federico Boscherini & Bruce Bunker). There have already been many citations to the 2024 volume. Vol. I has also been a primary subject of the last two years of the joint meetings of the IUCr Commission on XAFS and the International XAFS Society on the Quality and Quantity of XAFS. A Nature Review on XAFS was written that particularly highlights Vol. I. Extensive work is also proceeding on the consequences of Vol. I, especially as regards coordinated work on data formats.

Possible Volume J on magnetic crystallography. A special issue of Acta Cryst. B on Magnetic Structures (edited by Juan Manuel Perez-Mato, Branton Campbell & Vasile Garlea) was completed in 2025 (see the *Introduction to the magnetic structures special issue* [Perez-Mato, J. M., Campbell, B. J. & Garlea, V. (2025). Acta Cryst. B81, 498-499; https://doi.org/10.1107/S2052520625010765]). It is hoped that the issue will lead to a new Vol. J on Magnetic Crystallography.

Further information about the volumes can be found at http://it.iucr.org and at the home page of the Commission, http://www.iucr.org/resources/commissions/international-tables. The "Guided Tour" available at http://it.iucr.org/services/guidedtour/ is highly recommended because it shows what is available electronically. Access to the Tables of Contents of all the volumes is free, as are sample pages (including author lists and prefaces); see the homepages for the individual volumes (e.g., http://it.iucr.org/A/).

The year 2025 was difficult for International Tables because the amount of time in Chester that could be devoted to the series was quite limited even though there was a to-do list of well-defined tasks from 2024. There were also important matters of policy and strategy that needed to be addressed. We thank Nicola Ashcroft, Simon Glynn, and Louise Jones for their continuing efforts.

The annual report for 2023 can be found in section A2 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A2 in Appendix A.

C. P. Brock, Chair

Appendix 16 to Agenda

Committee for the Maintenance of the CIF Standard (COMCIFS)

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section B5 here: https://doi.org/10.1107/S2053273324005990/es5055sup2.pdf

The annual report for 2024 can be found in section B5 in Appendix B.

Appendix 17 to Agenda

IUCr Newsletter

The *IUCr Newsletter* (https://www.iucr.org/news/newsletter) has something for everyone. Not only does it report on the interests and activities of the IUCr and its Regional Associates and Commissions, but it also aims to inform, educate and entertain the global community of crystallographers and structural scientists.

In 2025 the IUCr Newsletter went from 4 issues per year to publishing 6 issues per year. Even with this increase, performance continued to strengthen. 132 articles, compared with 99 in 2024, were published (or republished from the journals). Among these, there were 16 obituaries, 19 meeting reports and 15 feature articles plus many commentaries on various topics. Another change was that, because of the frequency of publishing, i.e. every two months, it was decided that the President and the Editor would publish an editorial by alternating every other month. The newsletter has remained one of the top five most accessed pages on the IUCr website, accounting for approximately 8% of total site traffic. The number of advertisements has remained steady throughout the year. Private comments received by the Editor have all been supportive. The email subscriber base remains steady at 10,000–11,000, with a strong open rate of 35.4% and a click-through rate of 9%. For context, average email click rates typically fall between 2–2.6%, meaning engagement is well above industry benchmarks.

The Editor is grateful to the IUCr staff for all the hard work in keeping to the schedule and ensuring a high standard of production.

The annual report for 2023 can be found in section B4 here: https://doi.org/10.1107/S2053273324005990/es5055sup2.pdf

The annual report for 2024 can be found in section B4 in Appendix B.

A. M. Glazer, Newsletter Editor

Appendix 18 to Agenda

Committee on Data (CommDat)

The Committee on Data was established by the IUCr Executive Committee at its meeting in Denver in July 2016. The specific terms of reference are: "CommDat will advise the IUCr Executive Committee on all aspects of data with respect to policy and actions to be taken." Details, including membership and consultants, can be found here: https://www.iucr.org/iucr/governance/advisorycommittees/committee-on-data
There are the following matters to report for the period 2024/5 and 2025/6:

a) Raw Data Letters
The concentration of CommDat activity, and the most substantive outputs in this reporting period, has been around the establishment and development of the Raw Data Letters article category of the IUCr Data journal. This is an unusual publishing goal, in that it wishes to address the publication and reuse of RAW diVraction data – while this is an identified need and leads new territory in terms of publishing in general, it has caused a significant amount of follow-on work, due to its mode of operation and dependence on supporting a new type of data. There have been editorials and articles covering it, a number of exemplar articles published, presentations at various crystallographic conferences, conference posters, and conference leafleting etc. However, further sustained work is required to promote this article type – as it requires a cultural shift which is specific to diVerent communities ie the approach in Chem Cryst is diVerent to MX. There has been consultation with the Commission on Chemical Crystallography, as well as surveying and articles in the IUCr Newsletter. However, before this can happen in earnest and at scale, there is a requirement for some supporting tools to validate raw data. 18 months funding has been won from the EU OSCARS programme for the MC-ReDD project (Metadata Capture and validation for Reuse of raw DiVraction Data, https://oscars-project.eu/projects/mc-redd-metadatacapture-and-validation-re-use-raw-diVraction-data) is supporting a developer to build services around raw data validation that drive processes for its publication – this work is nearing completion. More recently, in the latest EU OSCARS programme, the Fail2FAIR project (Recovering discarded macromolecular crystallographic data, https://oscarsproject.eu/projects/fail2fair-recovering-discarded-macromolecular-crystallographicdata), was funded for 2 years and will provide ways to support the surfacing and reuse (particularly for AI/ML driven work/processes) of MX raw data.

b) Planning and preparation for IUCr 2026 Congress
CommDat was a significant participant in the work of the Calgary IUCr 2026 Congress Programme Committee, resulting in far greater involvement in the organising, themes and delivery of the programme than ever before. Involvement summarised as:
• The inaugural AI in Crystallography Summer School
(https://event.fourwaves.com/cryst-comp-school/pages). Organised sponsorship and digital infrastructure (Dectris Cloud) to support the practical aspects, plus sessions on data considerations/preparation for AI
• Organising a 1 day workshop on Open Data and Global Open Science (https://indico.esrf.fr/event/251/)
• 4 Microsymposia and a Keynote primarily sponsored by CommDat, while a further 8 MS across a range of Commissions are heavily supported by CommDat.
• Advanced planning for an open data forum with Dectris Cloud

c) Raw Data availability policies, standards
CommDat had input into the ESRF data policy, which is leading the way in long term availability of central facilities data. Other synchrotrons, notably Soleil and SLS, are taking notice and following suit. There is a strong relationship with COMCIFS, and the committee has fed into their work in several areas, particularly High Pressure and Electron DiVraction CIF dictionaries / Core CIF additions. There has been representation at, and input into, a number of national or global scale activities, most notably the NFDI (Germany), PSDI (UK) and CODATA (global), developing standards.

d) Committee operations and communications
Publicising Raw Data Letters (posters, talks, IUCr stand) has occurred at numerous conferences including ECM, ACA and BCA. Awareness raising across various Commissions has been particularly good – as reflected in the Congress programme organisation. The IUCr forum has had some activity, however there has been a little less traffic more recently.

e) Considerations for the Future
Committee composition. Key members have become inactive / retired, most notably Brian McMahon as the CommDat Chair. Around the Calgary congress there will need to be some rotation of membership and establishing new roles (particularly considering the next point).
CommDat scope. The focus in recent years has been somewhat on raw data, which is expected as CommDat was established as a result of the DiVraction Data Deposition Working Group. However, all types of data have now come to the fore with the advent of Machine Learning techniques, as evidenced by coverage in the upcoming Congress, and so the coverage needs a little adjusting to remain current.

The annual report for 2023 can be found in section B6 here: https://doi.org/10.1107/S2053273324005990/es5055sup2.pdf

S. Coles, Chair

Appendix 19 to Agenda

Committee for Gender Equity and Diversity (GEDC)

In 2025, the GEDC continued to review recommendations from previous years, and prepared for 2025 survey project to be distributed to IUCr regional affiliates. Two virtual meetings held in 2025 with Standing Committee of the Gender Equity in Sciences (SCGES) Group and attended by GEDC Representative Santarsiero. GEDC Representative Santarsiero was interviewed in 2025, one of the four organizations selected, to better understand challenges and successes in gender equity.

Helped to plan for 90-minute Zoom webinar in 2026: "Women in Scientific Organizations: Global Evidence from Science Academies and Unions" on February 11, 2026, 2-4pm (UTC)/3-5pm (CET). Present key findings using institutional data from 136 organizations. Register through https://gender-equality-in-science.org/2025/12/09/women-in-scientific-organizations-global-evidence-from-science-academies-and-unions/

Advancing Gender Equality in Scientific Organizations Project launched with SCGES, International Science Council (ISC), and International Academic Partnership (IAP)

- Eliminate sexual harassment
- Establish role models through history/biography projects
- Monitor career advancement for women and seek equity
- Eliminate salary gaps

GEDC Co-Chairs Nonato and Santarsiero involved in the SCGES working groups: Communications (Nonato), Best Practices (Santarsiero).

IUCr continues to lead in promoting gender equality throughout conference leadership, awards, membership, and publications. AfCA is using gender survey project as a benchmark resource to plan for their first Pan-African Conference on Crystallography.

Santarsiero will be stepping down as GEDC co-chair in 2026 (third year) and sixth year on the committee, so we will be actively recruiting for new committee members and a new co-chair.

The annual report for 2023 can be found in section B7 here: https://doi.org/10.1107/S2053273324005990/es5055sup2.pdf

The annual report for 2024 can be found in section B7 in Appendix B.

B. Santarsiero, Chair

Appendix 20 to Agenda

Africa Initiative on Crystallography

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section B3 here: https://doi.org/10.1107/S2053273324005990/es5055sup2.pdf

The annual report for 2024 can be found in section B3 in Appendix B.

Appendix 21 to Agenda

IUCr/Oxford University Press Book Series Committee

The books published within the book series, which was launched in 1987 (http://ww1.iucr.org/iucr-top/genasm/rep93/oup.htm), are commissioned in two categories: Monographs on Crystallography and Texts on Crystallography.

Due to an oversight there was no published report for 2024. The membership of the Committee has remained unchanged since 2023, when K. Friese (Germany) replaced R. Herbst-Irmer (Germany) and E.H. Snell (USA) took over the membership interest responsibilities of J.R. Helliwell (UK). J. R. Helliwell retired in 2023 after 27 years on the book committee, including 6 as Chairperson. The current Chair is J. Gulbis (Australia), a member of the Book Series Committee since 2017.

Current members are: G. Chapuis (Switzerland), K. Friese (Germany), H. Maynard-Casely (Australia), P. Mueller (USA), M. Nespolo (France), E.H. Snell (USA), N. Yagi (Japan), X. Zou (Sweden) and J. Gulbis (Australia). As Chair of the commission of crystallographic teaching, A. Guerri (Italy) is an ex officio member, while S. Adlung represents ex officio liasion at Oxford University Press.

The Book Series Committee members provide individual assessments of book proposals, which are combined into a Chairperson's report. The IUCr-OUP Committee reports are provided to the IUCr Executive Committee, which can either endorse them or make suggestions, prior to submission to OUP.

2025 was a quiet year for the Committee. We evaluated one book proposal.

A highlight of 2025 was publication of a teaching text (hardcover): Precision and Accuracy in Biological Crystallography, Diffraction, Scattering, Microscopies, and Spectroscopies by John R. Helliwell. This featured in the IUCr newsletter Volume 33(5) 2025.

To ensure consistency with IUCr nomenclature policies, and to reduce introduction of errors, we continue to affirm to OUP the need for us to assign volunteer(s) with requisite subject expertise, ideally from our Committee, so as to review a full draft of a new text in our Book Series before publication by OUP in our, IUCr, name. In this vein, over the 2024-2025 period, previous and current IUCr-OUP members J. Helliwell, M. Nespolo and G. Chapuis, and external experts M. Cianci and G. Zanotti, reviewed all chapters of a teaching text X-ray Structural analysis of Biomacromolecular crystals by Akio Takenaka. J. Helliwell followed up with several rounds of editorial feedback. The prospective textbook is now with OUP. I would like to express my sincere appreciation of the efforts of all members of the IUCr-OUP Book Committee in 2025.

The annual report for 2023 can be found in section B8 here: https://doi.org/10.1107/S2053273324005990/es5055sup2.pdf

J. Gulbis, Chair

Appendix 22 to Agenda

Non-publishing Commissions

22.1 Commission on Aperiodic Crystals

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A3 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A3 in Appendix A.

22.2 Commission on Biological Macromolecules

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A4 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A4 in Appendix A.

22.3 Commission on Crystal Growth and Characterization of Materials

The Commission has been engaged in several activities during the calendar year 2025. The membership of the Commission remained constant over the year with all members being active in various activities.

The main and large meeting point for many of our members in 2025 was the International Conference on Crystal Growth and Epitaxy (ICCGE-21) held in Xi'an China Aug 3rd to the 8th. Several of the Commissions members played a significant role in both the organisation (Prof. Elias Vlieg) as well as in delivering Keynote Lectures (Prof. Geetha Balakrishnan) and other oral presentations. At this Conference Prof Koichi Kakimoto of our Commission was awarded the IOCG Frank Prize (jointly with Prof. J. Derby) and he gave a Keynote/Prize lecture.

The summer school/workshop on Crystal Growth organised prior to the ICCGE-21 Conference was also a great success, and Prof. Elias Vlieg from our Commission was one of the organisers with lectures given also by Prof. Kakimoto and Prof. J Redwing both from this Commission.

Of interest to this Commission was the presentation given by the organisers of the next ICCGE-22 in Grenoble, France in 2028. Dr Matias Velazquez of our Commission is one of the organisers of this conference. We also heard about the proposed (only) bid for hosting the subsequent ICCGE-23 conference in Tucson, Arizona, USA, Aug 2031, from Prof. J. Derby.

A noteworthy activity for this Commission in 2025 is the initiative of Dr Matias Velazquez to successfully bid and obtain the commissioning of a Special Issue on "Crystal Growth and Related Characterization" in a newly introduced Crystal Growth section in the IUCr Journal *Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials*. The call for papers was successful and we (Editors M. Velazquez, T. Bekker and G. Balakrishnan, all from our Commission) have compiled a collection of peer-reviewed manuscripts to appear in this Special Issue.

Dr Antonio Vecchione of this Commission, based on his extensive experience organising the ICCGE-20, was chosen to represent the Commission on the International Programme Committee for the IUCr Congress to be held in Calgary in Aug 2026. He has been successful in securing around 6 Microsymposia put forward by our Commission members (some to be held jointly with other

Commissions) for the Congress. We eagerly look forward to participating in these Microsymposia at the Congress. Several of our members are chairing these Microsymposia and featuring as invited speakers too.

The annual report for 2023 can be found in section A5 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A5 in Appendix A.

G. Balakrishnan, Chair

22.4 Commission on Crystallographic Computing

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A6 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A6 in Appendix A.

22.5 Commission on Crystallographic Nomenclature

The members of this commission (the CCN) are the editors of the Union's journals, the editors of the volumes of *International Tables*, the Chairman of the IUCr/OUP Book series Committee, the Chairman of the Teaching Commission, the Chairman of the Committee for the Maintenance of the Crystallographic Information File Standard, and both the IUCr President and General Secretary. At the end of 2025 the number of members was 52. There were also two appointed consultants (see https://www.iucr.org/iucr/commissions/nomenclature).

I. Nomenclature Problems
The Commission's webpage invites crystallographers to bring nomenclature problems to the attention of any Commission member. In June 2024 Dr. George Whitehead, the crystallographer at the University of Manchester, brought a problem to the CCN. He had determined a structure [now published in *Chemical Science* (https://doi.org/10.1039/D4SC04337E)] for which he thought *Z* should be ⅔, but in Chapter 4.1 of Vol. G of *International Tables* the entry for _cell_formula_units_Z in the Core Dictionary stated that *Z* is an integer.
The question of whether *Z* can be a fraction was resolved in 2025 with the decision that it can be in a small number of exceptional situations, which the authors would have to justify carefully and convincingly. A report on this matter was published in the September 2025 issue of *Acta Cryst.*A (https://doi.org/10.1107/S2053273325007053) and was reprinted in the first 2026 issue of the *IUCr Newsletter* (https://www.iucr.org/news/newsletter/volume-34/number-1).

The core CIF dictionary updated the definition of the relevant data name, _cell.formula_units_Z, in two ways:
(1) The value range was changed from type Integer, from 1 to infinity, to type Real, value from 0 to infinity, permitting fractional values (although only expressed as decimal numbers);
(2) The definition added the explanation "This is normally an integer value, but in exceptional circumstances (Brock, 2025) may be reported as non-integral." and cited the *Acta Cryst*. A paper.
(3) A new item _cell.formula_units_Z_details was introduced with the requirement that it be used to justify a non-integral value for Z.
In a related change *Z'* (the number of formula units in the asymmetric unit) can now be recorded in the CIF dictionary.

II. *Online Dictionary of Crystallography* (or, the *ODC*); the editor is Gervais Chapuis
The CCN is responsible for maintaining the *ODC*, which was established in 2006 as a wiki and continues to be run as such, *i.e.*, as a website of definitions that qualified members of the crystallographic community can add to or modify. During 2025 four definitions were added and one was modified; all changes were made by the same person. It is unfortunate that changes to the *ODC* are so infrequent and that there are no entries for many important terms. It is also important to consider the eventual retirement of the current editor. Finding a replacement who has broad knowledge of crystallography, interest in the project, and good judgement will be a challenge.

III. *Other*
In the CCN reports of 2022 and 2023 the possibility of starting a section of the CCN webpage giving answers to *Frequently Asked Questions* was proposed. In 2023 Carolyn Brock and Mois Aroyo planned to start drafting sample FAQs, but the first one, about inconsistencies in the ordering of space groups in Vol. A of *International Tables*, became a major project. A manuscript giving the history of the current ordering, detailing its inconsistencies, and proposing an alternative was submitted to the Teaching Section of *J. Appl. Cryst*. In 2025 and will appear in 2026. While it is unreasonable to think of replacing the current ordering, an alternative ordering could be added to the online version of Vol. A of *International Tables*.

The annual report for 2023 can be found in section A7 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A7 in Appendix A.

C. P. Brock, Chair

22.6 Commission on Crystallographic Teaching

The Commission on Crystallographic Teaching worked on different sides of its duties during the whole 2025. One of the main tasks has been the evaluations of the schools and courses of which the organizers applied to be supported by IUCr through the Meeting Support Commission. Particularly, starting from the beginning of 2025 the following events has been assessed by the members:

- Inaugural Caribbean Crystallography School, 2-7 June 2025, Mona Campus, Kingston, Jamaica;
- 2025 ACA Summer Course in Chemical Crystallography, 22-29 June 2025, Evanston, USA;
- AIC international school 2025: Current and Future Integrative Structural Biology, 7-11 July 2025, Padua, Italy;
- Building Capacity in AI-Driven Drug Discovery and Vaccine Design: AlphaFold Training by BioStruct-Africa, 11-15 August 2025, Nairobi, Kenia;
- VII LACA-ABCR School, 13-18 October 2025, Fortaleza, Brazil;
- I Latin American Powder Diffraction Conference – LAPDiC, 11-14 October 2025, Fortaleza, Brazil;
- 8th Moroccan School of Crystallography – EMC8, 5-8 November 2025, Safi, Morocco;
- III International School on Crystallography: X-Ray Powder Diffraction, 10-14 November 2025, Ibagué, Colombia;
- CCP4/CCP-EM "Structural Biology at the Foot of the Andes, 10 - 20 November 2025, Santiago, Chile;
- Young Crystallographers Meeting #2, 2-5 December 2025, Rennes, France;
- 3rd CECAM Discussion Meeting on Quantum Crystallography, 11-13 February 2026, Lausanne, Switzerland;
- Montevideo School and CCDC Workshop on Small Molecule Crystallography, 23-28 February 2026, Montevideo, Uruguay;
- Powder Diffraction & Rietveld Refinement School, 13-17 April 2026, Durham, UK;
- Latin American School on Powder Diffraction, 20-24 April 2026, Puerto Colombia - Atlantico, Colombia;
- Central European Course of Computational Structural Biology 2026, 26 April, 2 May 2026, Nové Hrady, Czech Republic;
- 2026 ACA Summer Course in Chemical Crystallography, 7-14 June 2026, West Lafayette, USA;
- 11th European Crystallography School (ECS11), 28 June – 4 July 2026, Stokholm, Sweden;
- The Zürich School of Crystallography 2026, 29 June – 11 July 2026, Zürich, Switzerland;
- High-Pressure Single-Crystal X-Ray Diffraction Summer School, 6-10 July 2026, Edinburgh, UK;
- Mineral and Materials Sciences for Space Exploration – COSPAR Capacity Building, 18-30 September 2026, Nairobi and Magadi Lake, Kenya;
- 9th International School on Biological Crystallization, 4-9 October 2026, Granada, Spain;

Most of the applications were carefully written and when not, the organizers were asked to comply with the requests. Up to now, all of them were judged positively and assigned a budget. The Commission hope for a report of the event at the end of it to evaluate the impact of the IUCr support. As a very striking point, it can be noticed that, compare to the number of events of 2024, this year (2025) the requests are three time more. As in 2024, a very positive comment is that a considerable number of the schools and courses are in countries where crystallography was not readily available. Giving this increase in requests, the Commission asked the ExComm for an increase in the number of members of the commission, from 9 to 11.

In relation to the IUCr meeting next August in Calgary, there has been discussion on the scientific program and on the number of MS from the CCT and supported by it. The following microsymposia are the result of the discussion:

Sponsoring Commission: Crystallographic Teaching

MS-015: Engaging all in crystallography, Co-Chairs: Alexis Nelson & Helen Maynard Casely

MS-095: Balancing service for academia vs industry: the economics of crystallography, Co-Chairs: Nathaniel (Nate) Barker & Fabia Gozzo

MS-075: Structure visualization techniques for teaching, Co-Chairs: Nichole Valdez & Nico Graw, Co-Sponsoring Commission: Magnetic Structures

A satellite workshop entitled "IUCr Computing School - Artificial Intelligence in Crystallography" is being organized with the collaboration with different Commissions: Mathematical and Theoretical Crystallography, Crystallographic Teaching, Crystallography of Materials and High Pressure. The event will take place from the 8th to the 11th of August in the University of Lethbridge Campus, 2.5 hours driving from Calgary.

The commission also supported the organization of a one day workshop on "Bridging Material Science and Crystallography: Synergizing Techniques and Applications" together with the Commission on Crystallography of Materials.

As a last point, the Chair and some members of the EC have been carrying on a discussion regarding educational materials: the way to organize it in the IUCr webpage, to create new sources (Wikipedia, MOOC, …), making IUCr sponsored workshop materials permanently available. Shao-Liang Zheng (consultant of the commission) has been actively promoting the publication of Education articles in Acta Cryst E.

The annual report for 2023 can be found in section A8 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A8 in Appendix A.

A. Guerri, Chair

22.7 Commission on Crystallography in Art and Cultural Heritage

At the time of preparing these papers, the annual reports for 2024 and 2025 have not yet been received.

The annual report for 2023 can be found in section A9 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

22.8 Commission on Crystallography of Materials

Since the CCM is an important commission to the IUCr, the Executive Committee (EC) of the IUCr decided in Melbourne that the CCM needs to be re-formed. We are therefore in an "ad interim" status hoping to move on to be a working commission again by after the next congress in 2026 in Calgary. The most important task, of our ad interim Commission on Crystallography of Materials, is the elaboration of the Terms of Reference. Different zoom meetings helped us to develop the Terms of Reference and to build the working group. Very important was the meeting which was enabled by the ECM-34 committee on Wednesday August 28th 2024 in Padua. We had an in-person as well as a zoom meeting with our members and discussed the Terms of Reference as well as the nominations.
*The current Terms of Reference are: "**Our commission aims to bring the materials science community closer to crystallography again**."*

Many materials scientists think of crystallography as a supplementary tool for their research. Because crystallography has been reduced in the curriculum in many countries, many materials scientists are no longer aware of the progress we have made. This applies to both large synchrotron and neutron facilities as well as tabletop (lab-based) systems. Therefore, we should strive to organize more lectures, seminars, and summer schools specifically for materials scientists. We therefore started to invite more materials scientists to our conferences so that this large community once again becomes more aware of us.

A very delicate topic is the issue of publications. Materials scientists have a very strong publication record and are active in organizations such as the Materials Research Society (MRS), ASM International, FEMS (Federation of European Materials Societies), and others. The IUCr papers have lower impact factors which make it difficult to motivate materials scientists to use our publication possibilities.

Our CCM was also participating in shaping the congress program 2026. After extensive discussions with different commissions, we prepared different joint micro-symposiums. In the congress, we will sponsor four MS, namely "Sustainable materials for the future: synthesis, characterization, and applications", "Functional thin films: crystallography's next frontier", "Diffuse scattering and dynamics in complex systems and disordered materials", and "PDF (total scattering) experiments and local structure characterization of functional materials", trying to bring the cutting-edge crystallography methods and functional materials together. We will also co-sponsor four MS, and support three MS. We organized a workshop called "Bridging Material Science and Crystallography: Synergizing Techniques and Applications". This one-day workshop is designed to create a dynamic forum for crystallographers and material scientists to connect, collaborate, and cross-pollinate ideas by illustrating how material challenges can be solved by crystallography methods and how research on material science can drive technique developments in crystallography. It also aims to introduce crystallographers to novel material systems where their expertise can address open questions. The discovery and development of next-generation materials increasingly depend on a deep, atomic-level understanding of their structure. Conversely, the pressing challenges posed by these complex, often disordered materials are driving the innovation of cutting-edge characterization techniques.

As commission we will meet during the next IUCr congress in August in Calgary. Luckily many of the members will be able to attend this conference. We as a commission would also like to be able to meet with the EC before the official EC meeting to fine tune the next steps towards re-installation from the ad interim state to a regular commission.

Finally, we will also nominate some more candidates, specifically those who are well-connected in the materials community and have a strong affinity for crystallography. We might end up with a maximum of 20 candidates, from which we should then select eight Commission Members and about 12 Consultants.

The annual report for 2023 can be found in section A10 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A10 in Appendix A.

A. Dommann, Chair, and N. Zhang

22.9 Commission on Diffraction Microstructure Imaging

Members of the Diffraction Microstructure Imaging (DMI) Commission held an in-person meeting in conjunction with 3DMS annual meeting in Anaheim, California, US in June 2025. Approximately 30 DMI members were in attendance. The topics discussed at the meeting included planning for the IUCr 2026 meeting, discussion about the DMI ontology project, and an update on the round-robin project. The IUCr 2026 meeting is the first full cycle for which DMI has been an IUCr member. At the meeting, the DMI commission will be the primary sponsor for three micro-symposia: "Diffraction Microstructure Imaging for Ceramics", "Measuring Stress Across Length-Scales using Diffraction Microstructure Imaging", and "Multiscale diffraction-based x-ray and neutron imaging." Dr. Kelly Nygren is still leading the ontology project, which is near completion after significant amounts of discussion among DMI members to reach naming convention standards that could be agreed upon. Lastly, Dr. Jun-Sang Park is still managing the round-robin project to benchmark synchrotron beamlines and laboratory instruments that can perform DMI measurements. At this point, the round-robin standard samples have reached over ten facilities around the world. In 2026, the DMI commission is planning to rotate in new leadership.

The annual report for 2023 can be found in section A11 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A11 in Appendix A.

D. Pagan, Chair

22.10 Commission on Electron Crystallography

The activity of the commission has been strongly focused on the organization of schools and workshop for spreading the electron crystallography knowhow.

Several members and consultants participated in the organization on the International School of Crystallography on "Electron crystallography" (two members Tatiana Gorelik and Mauro Gemmi were the directors) held in Erice Italy from the 30th of May to the 7th of June 2025. More than 50 students from all over the world attended the school.

The member Juliang Sun participated in the organization of a workshop on the the theory and application of single crystal diffraction co-organized by CCrS and Peking university in Peking, China from the 25th to the 29th of August 2025. More than 80 students from all China participated.

The member Damien Jacob participated in the organization of the Crystelec school held in Lille France from the 17th to the 21st of November 2025. The school trained 12 students in 3D electron diffraction and for 4D STEM.
The member Mauro Gemmi participated in the organization of a school on 3D Electron diffraction satellite of SCCM 2025 held in Ljubljana University, Slovenia in June 2025 with more than 30 students. The school had also the possibility to do direct experiments on a brand-new electron diffractometer.

The member Howard Young has been directly involved in the organization the Canadian Cryo-EM Nexus Conference in October 2025 in the University of Alberta.

Our consultant Stéphanie Kodjikian contributed to the organization of the practical “3D electron diffraction” (Grenoble, France, 18-20/06/2025). This is a training workshop for X-rays crystallographers focused on the practical aspects of 3D electron diffraction in materials and life sciences, with alternation of demonstrations and manipulations on TEM, and tutorial sessions on computer.

The consultant Hongyi Xu co-organized a 3D ED/MicroED training school at the Bio21 Institute, University of Melbourne, held from 24–27 October 2025.

The commission is also very active in providing open access to 3D ED/Micro ED data, an open repository has been set up in Zenodo through the NanED project: https://zenodo.org/communities/naned/records?q=&l=list&p=1&s=10&sort=newest. The commission also encourages an open discussion on the standardization of raw 3D ED/MicroED data sets and on the metadata necessary for the reusability of these data.

The annual report for 2023 can be found in section A12 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A12 in Appendix A.

M. Gemmi, Chair

22.11 Commission on High Pressure

At the time of preparing these papers, the annual reports for 2024 and 2025 have not yet been received.

The annual report for 2023 can be found in section A13 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

22.12 Commission on Inorganic and Mineral Structures

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A14 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A14 in Appendix A.

22.13 Commission on Magnetic Structures

During 2025, the last articles of the special issue of Acta Crystallographica Section B on magnetic structures, initiated by the Commission in 2024, were published. The complete collection is now available as a virtual issue on the journal website: https://journals.iucr.org/special_issues/2025/mag_struct/. The issue is led by a report from the Commission that presents a set of guidelines for the communication and publication of commensurate magnetic structures. These guidelines represent a further effort to promote

the systematic use of magnetic space groups in the description and reporting of commensurate magnetic structures, with the aim of establishing a standardized methodology comparable to that used in conventional crystallography.

In October 2025, a school fully devoted to the use of the FullProf program for magnetic structure determination was held at the Institut Laue–Langevin (ILL) in Grenoble, France. The school was organized by Juan Rodríguez-Carvajal and Oscar Fabelo, both consultants to the Commission. In addition to the organizers, J. Manuel Pérez-Mato, the current Chair of the Commission, also lectured at the school.

The process initiated in 2024 to establish a Special Interest Group (SIG) within the European Crystallographic Association (ECA) reached a successful conclusion in 2025. Thanks to the efforts of Françoise Damay, the current Secretary of the Commission, the ECA Executive Committee approved the new SIG on magnetic crystallography in August 2025. During its initial period, the SIG will be chaired by Françoise Damay, with Margarida Henriques and Oksana Zaharko (both members of the Commission until August 2026) serving as Vice-Chair and Secretary, respectively.

One of the fundamental objectives of the Commission is the establishment and promotion of standards for the description of magnetic structures and their symmetry properties. In this context, the rapid development of spin group symmetry theory and its applications in recent years represents a new challenge. Spin space groups have recently been enumerated independently by several groups, and a variety of related software tools has been developed. However, a unified notation and a standard format for their communication are still lacking. Similarly to the earlier development of the magCIF format, we have informally initiated the development of a so-called spinCIF format as an extension. Although this effort is still at an early stage, a preliminary version is already available, and several software packages already support it. The next step will be the creation of a dedicated working group to design a final version to be considered first by the Commission and subsequently by the COMCIFS.

The expansion and long-term maintenance of MAGNDATA, which is the only available database of experimental magnetic structures, presently hosted by the Bilbao Crystallographic Server, remain of particular importance to the Commission. The database has enabled DFT systematic studies, using its full set of magnetic structures as a benchmark. It has also recently played a key role in the identification of possible altermagnets. Despite its success, a persistent weakness affecting its sustainability is the very low rate of direct submissions of newly published structures. The planned implementation of a simplified submission process may help to alleviate this problem, but it is unlikely to fully resolve it. Moreover, the long-term availability of the Bilbao Crystallographic Server in its current form is uncertain. This important issue has been discussed intermittently within the commission during 2025 and will require more detailed consideration in the long term.

One of the main tasks of the Commission during 2025 was the preparation of proposals for the scientific program of the upcoming IUCr Congress in Calgary and its subsequent implementation, including finding and nominating Microsymposium co-chairs. Thanks to the efforts of our representative on the International Programme Committee, Françoise Damay, helped by Branton Campbell, more than 15 Microsymposia sponsored or co-sponsored by the Commission were approved, and one of the proposed keynote speakers was selected for the final program. In addition, V. Ovidiu Garlea, current Vice-Chair of the Commission, will organize a two-day workshop on magnetic structure determination in Calgary immediately prior to the main IUCr Congress.

Finally, it should be mentioned that Branton Campbell and Harold Stokes (former chair and former member of this commission, respectively) received in 2025 the American Crystallographic Association Kenneth N. Trueblood award. Branton Campbell chaired this commission for 12 years since its beginning in 2011, and this prize in fact pointed out among his most important achievements his key role during this time in the development of the magCIF standard.

The annual report for 2023 can be found in section A15 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A15 in Appendix A.

J. M. Perez-Mato (Chair), V. Ovidiu Garlea (Vice-Chair), Françoise Damay (Secretary)

22.14 Commission on Mathematical and Theoretical Crystallography

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A16 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A16 in Appendix A.

22.15 Commission on Neutron Scattering

The Commission (CNS) promotes the use of neutron scattering by encouraging the publication of information on the capabilities of neutron sources and instrumentation and by supporting symposia, schools and workshops that educate researchers on the unique information that can be provided by neutron scattering. Several members of the Commission are actively involved in developing neutron sources and new neutron scattering technologies and methods.

The operation for major Neutron facilities (HFIR, ILL, PSI, ISIS, FRM II, Dhruva, JRR-3, OPAL, CSNS etc.) are keeping on. The FRM II has come a significant step closer to being put back into user operation. Very recently, official approval of the manufacturing of a new

central channel, an essential component for its operation, was granted and the manufacturing itself has been launched in January 2026.

The construction of the European Spallation Neutron Source (ESS) in Sweden is progressing and ready to deliver neutrons to 8 instruments by 2025. The Spallation Neutron Source (SNS) in USA is operating at 1.9MW. The J-PARC MLF in Japan is temporarily operating at 700 kW following target issues. In Canada, the Canadian Long-Term Neutron Plan for 2025-2035 was formulated in October 2024. It recommends that the federal government allocate $95 million over six years starting in 2025 to be managed by Neutrons Canada. In November 2024, McMaster University celebrated the launch of the Canadian Neutron Beam Laboratory (CNBL). The neutron scatting facilities at the McMaster Nuclear Reactor are expanding its facilities including the addition of new neutron beamlines and a neutron radiography facility. Developments in the suite of neutron instrumentation within the Australian Centre for Neutron Scattering at the OPAL facility include the inclusion of characterisation of the cold neutron source at the reactor face, maintenance and repair of the pad detector as well as new nonmagnetic guides for the small angle neutron scattering instrument Quokka, general upgrade and standardisation of detector electronics for all instruments, an upgrade of the safety interlock systems for all instruments, a redesign of the focussing monochromator of the high resolution neutron powder diffractometer Echidna resulting in an intensity gain of a factor of two, installation of a focussing guide for the time of flight polarisation analysis spectrometer Pelican, replacement of the facility user portal, removal of the quasi-Laue neutron diffractometer Koala and the Be-filter analyser option for the triple axis thermal spectrometer Taipan from user service beginning April 2026. The remote experiment environment and the web-based tools are available for many instruments in many facilities.

Neutron schools and crystallographic Seminar to train the next generation of neutron scattering researchers are also important and are held at various facilities, and the Commission also supports the holding of these schools , such as the 14th AONSA Neutron School/the 9th Neutron and Muon School in 2025, which was held in Japan from November 17 to 21, 2025 with 38 participants from 12 countries.

Commission members were involved in planning activities for several important neutron related conferences and schools in 2026.

The annual report for 2023 can be found in section A17 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A17 in Appendix A.

T. Ishigaki, Chair

22.16 Commission on NMR Crystallography and Related Methods

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A18 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A18 in Appendix A.

22.17 Commission on Powder Diffraction

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A19 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A19 in Appendix A.

22.18 Commission on Quantum Crystallography

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A20 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A20 in Appendix A.

22.19 Commission on Small-Angle Scattering

During 2025, the Commission on Small-Angle Scattering (CSAS) collectively organized microsymposia for the IUCr 2026 Congress. This effort involved soliciting proposals from the community, identifying suitable leaders and co-chairs, and advertising opportunities within local and international networks. Overall, the number of CSAS-supported microsymposia is consistent with the average level of participation in recent IUCr Congresses, reflecting steady engagement of the small-angle scattering community with IUCr activities.

Most CSAS members serve as instrument scientists at major large-scale facilities, including synchrotrons in the United States, Brazil, Taiwan, and Japan, as well as neutron sources in Australia and Sweden. Members are actively developing new instruments—for example, anomalous USAXS capabilities at SPring-8—while also maintaining and upgrading existing facilities, such as the next-generation USAXS instrument at the Advanced Photon Source. In addition to instrumentation development, members support broad

international user communities at flagship facilities. Many are also involved in advancing data standards, including canSAS and NeXus, and contribute to community software development that improves data analysis, interoperability, and reproducibility.

CSAS members maintain strong involvement in IUCr activities. Most members and consultants volunteer their time as co-editors of IUCr journals or as participants in other IUCr commissions and initiatives. Work associated with organizing the SAS2024 conference in Taiwan during 2024 culminated in 2025 with a special issue of the Journal of Applied Crystallography. Four CSAS members and two CSAS consultants served as guest editors or guest co-editors for this issue, further highlighting the Commission's leadership role in disseminating advances in small-angle scattering.

Education and training remain a central focus of the Commission. CSAS members contribute to preparing the next generation of small-angle scattering researchers by organizing and teaching workshops, schools, and community courses. Several local, class-style educational efforts were held, including the APS "Beyond Rg" course series. Members also supported development of educational resources for schools and universities aimed at inspiring future crystallographers. Examples include the annual synchrotron school at the Brazilian Synchrotron Light Laboratory, the Hokkaido University Summer Institute (HUSI), and online lecture initiatives such as the FY2025 "Synchrotron Radiation Overview I" series. These programs covered a wide range of topics, including neutron scattering fundamentals, small-angle X-ray scattering, wide-angle X-ray diffraction, synchrotron radiation imaging, and X-ray absorption spectroscopy.

The Commission also expanded online training opportunities. A new series of online workshops launched in Japan targeted early-career researchers and emphasized practical skills such as data analysis, scientific writing, and presentation techniques. These activities complement traditional hands-on schools and help broaden access to training across geographic boundaries.

Additional community-building and outreach activities were carried out through industry–academia collaborations, particularly via the Quantum Beam Analysis Alliance (QBAA), which promotes cross-facility use of synchrotron and neutron sources and supports industrial users. Activities included presentations at the 2025 Neutron Industrial Utilization Report Meeting and specialized workshops on microstructure evaluation using pulsed neutrons and ultra-small-angle scattering. The QBAA framework also continued coordinated online training modules covering synchrotron and neutron techniques, including SAXS, WAXD, imaging, XAFS, reflectometry, and materials informatics, aimed at developing new users from industry. These efforts emphasize cross-facility experimentation at SPring-8, J-PARC MLF, and JRR-3, and include internships and joint research activities. In parallel, technical development continued with construction of an anomalous ultra-small-angle X-ray scattering (AUSAXS) system at BL28XU at SPring-8, enabling time-resolved anomalous USAXS measurements for advanced materials studies.

Looking ahead to 2026 and beyond, the Commission plans to continue expanding access to IUCr resources, particularly in developing countries. Additional priorities include strengthening engagement with emerging areas of crystallography, fostering collaboration across scattering and diffraction communities, and supporting continued development of open data standards and community software. The Commission will also maintain its emphasis on education, outreach, and sustainable practices, ensuring continued vitality of the small-angle scattering community and advancing the IUCr mission of promoting crystallography worldwide.

The annual report for 2023 can be found in section A21 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A21 in Appendix A.

J. Ilavsky, Chair

22.20 Commission on Structural Chemistry

The Commission on Structural Chemistry (CSC) encompasses a wide range of topics in the field of crystallography. There are extensive overlaps with other commissions including the Commissions on Inorganic and Mineral Structures, Powder Diffraction, and Crystallographic Teaching, as well as with important external bodies such as the Cambridge Crystallographic Data Centre.

The membership of the commission will be renewed in 2026. To ensure the continuity of the members and consultant board some of the present members will be kept. The me mbers of the commission can be found at the https://www.iucr.org/iucr/commissions/structural-chemistry The IUCr Executive Committee liaison remains Angela Altomare.

In 2025, the CSC lent support to the following conferences and schools, which draw on crystallographers in the Structural Chemistry sphere:
· "*Young Crystallographers Meeting #2*" organized by the The French Crystallographic Association (AFC), Rennes Institute of Chemical Sciences (ISCR), Rennes, France, 2-5, December 2025. Elen Duverger-Nédellec, Chair of the French Association of Crystallography Young Crystallographers Section.
· "*Montevideo School & CCDC Workshop on Small Molecule Crystallography*" on February 23-28th 2026 Montevideo Uruguay, Contact: Prof. Leopoldo Suescun, 29th of March to the 5th of April 2025, Durham, UK. Contact: Natalie Pridmore, Durham University, UK.
· "*2026 Zurich School of Crystallography*", June 29 – July 11, 2026, Zurich, Switzerland. contact: Gervais Chapuis ZSC Finance Committee, Lausanne, Switzerland.

The conferences and schools supported by the commission for 2026 so far are:
· "*Indaba 10 conference*" in South Africa 11-16th October 2026. contact: Prof. Andreas Roodt, University of the Free State, Bloemfontein, South Africa.

· "*12th Hellenic Crystallographic Association meeting*" that will be held in Athens, Greece, 23–25 October 2026. Contact: Petros Giastas, Ph.D. Assistant Professor of Biochemistry - Department of Biotechnology, Agricultural University of Athens.

In all the cases the CSC members interrogated the degree to which structural chemistry was represented as a science, rather than simply a tool, at each conference. Aspects such as support for students or early-career researchers were considered. The diversity (gender, geographical distribution) of speakers was also identified as an important criterion for consideration of future applications for support. These factors play a key role in the degree of support expressed to the IUCr calendar committee.

The CSC representatives on the International Programme Committee for Calgary IUCr 2026 meeting, is Javier Ellena provided a liaison between the IPC. With this participation and the strong effort form the members of the commission of our commission we ensure a strong structural chemistry programme at the next IUCr Meeting. In this way there where approved 15 Microsymposium directly sponsored by the commission as well as 4 more being co-sponsored and 2 supporting. The chair and co-chairs of the Microsymposium were suggested taking in mind always the gender and geographic representatively.

The annual report for 2023 can be found in section A22 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A22 in Appendix A.

J. Ellena, Chair

22.21 Commission on Synchrotron and XFEL Radiation

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section A23 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

The annual report for 2024 can be found in section A23 in Appendix A.

22.22 Commission on XAFS

The Commission on X-ray Absorption Fine Structure (CXAFS) meets regularly, once a month. The meetings are very well attended, even when the timings are inconvenient for some members, as they often take place very early in the morning or very late at night due to the worldwide distribution of the membership.

The activities of the CXAFS in **2024** were primarily focused on implementing the actions agreed at the 2023 International Conference on Improving Data Quality and Quantity in XAFS Spectroscopy (Q2XAFS2023). This conference was organized jointly with the International XAFS Society and was held at the Australian Synchrotron (ANSTO) as a satellite meeting of the **26th Congress and General Assembly of the IUCr** in Melbourne. As agreed during the meeting, the proceedings of Q2XAFS2023 are being published in a special issue of Radiation Physics and Chemistry.

In **2025**, the Commission's activities have been largely devoted to the preparation of our participation on the **27th Congress and General Assembly of the IUCr**, to be held in **Calgary in August 2026**. We have been actively preparing a full-day workshop on **X-ray Absorption Fine Structure (XAFS),** to be held on the 10th of August. The workshop will provide an introduction to XAFS principles and advanced techniques for crystallographers, as well as tutorials and hands-on training sessions focused on data analysis and statistical methods. Applications of XAFS in several cutting-edge research areas spanning the physical sciences, materials science, and chemical sciences will also be presented. To promote the participation of young and early-career researchers, the Commission is currently seeking **financial support from the IUCr to cover travel and subsistence costs**.

In parallel with the workshop preparation, the Commission has been highly active in ensuring strong representation at the forthcoming Congress through the nomination of keynote and invited speakers, as well as through the organization of numerous microsymposia (MS), either as the main organizer, co-organizer, or supporting commission. **Dr René Loredo Portales**, from the University of Mexico, has been selected as a keynote speaker. His nomination was proposed by the CXAFS and supported by both the Commission on Inorganic and Mineral Structures and the Commission on Structural Chemistry.
The CXAFS is the **sole organizer** of two microsymposia:

- Catalysis for the Net-Zero Transition
- Structural Characterization of Amorphous Solids, Glasses, and Liquids (Disordered Materials)

Both microsymposia are supported by the Commission on Powder Diffraction.

In addition, the CXAFS is **sponsoring six further microsymposia** in collaboration with other IUCr Commissions:

- Compositionally Complex Materials: Challenges and Opportunities for X-ray Absorption, Pair Distribution Function, and Related Probes (co-sponsored with the Commission on Powder Diffraction)
- X-ray Spectroscopy: High Energy Resolution Methods (co-sponsored with the Commission on Synchrotron and XFEL Radiation)
- Spectroscopy Meets Imaging and X-ray Spectroscopy for Biological Systems (co-sponsored with the Commission on Biological Macromolecules)
- Magnetic Order in Complex Materials: Applications of Resonant and Non-resonant X-ray Spectroscopy (co-sponsored with the Commission on Magnetic Structures and supported by the Commission on Powder Diffraction)

- X-ray Spectroscopy, Neutron and Muon Methods in Art and Archaeology (co-sponsored with the Commission on Crystallography in Art and Cultural Heritage)

The CXAFS is also **co-sponsoring four additional microsymposia**:

- Sustainable Energy Materials for the Future: Local Structure (sponsored by the Commission on NMR Crystallography and Related Methods)
- Statistical and Computational Analysis in Crystallography and Spectroscopy (sponsored by the Commission on Crystallographic Computing)
- Crystallography and Spectroscopy in Sustainable Resource Management (sponsored by the Commission on Inorganic and Mineral Structures)
- Crystallography and X-ray Absorption Spectroscopy Machine Learning Methods for the Development of Materials (sponsored by the Commission on CommDat)

Collectively, these microsymposia reflect the wide range of scientific areas in which spectroscopy, and XAFS in particular, is making a significant impact on structural science.

The organization and co-sponsorship of these activities highlight not only the high level of engagement of the CXAFS, but also its strong integration within the IUCr and good working relationship with other Commissions. The extensive collaboration with other Commissions demonstrates the versatility of spectroscopy as a structural probe, its complementarity to traditional crystallographic techniques, and its relevance to many of today's major scientific and societal challenges.

Finally, it is important to highlight that several papers in **IUCr journals** have been published by Commission members during the period under review, demonstrating their continued scientific engagement and active contribution to the activities of the IUCr.

The annual report for 2023 can be found in section A24 here: https://doi.org/10.1107/S2053273324005990/es5055sup1.pdf

S. Diaz-Moreno, Chair

Appendix 23 to Agenda

Review of existing Commissions

The Executive Committee will meet the Commission Chairs prior to the Congress to review the work and structure of the Commissions and will present any recommendations it may have to the General Assembly.

Appendix 24 to Agenda

Determination of number of elected members of each Commission

Statutes 5.10(d) and 8.2 and By-Laws 7.3 and 7.4 of the Union prescribe the procedures relating to the election of members of the Union's Commissions. Statute 5.10(d) requires the General Assembly to determine the number of elected members of each Commission set up by the General Assembly.

The present number of elected members of each individual Commission is given in the following table. The Chairs are not included in the numbers given, nor are any ex officio members.

	Present number
Commission on Journals	0
Commission on *International Tables*	0
Commission on Aperiodic Crystals	8
Commission on Biological Macromolecules	13
Commission on Crystal Growth and Characterization of Materials	8
Commission on Crystallographic Computing	7
Commission on Crystallography of Materials *(ad interim)*	7*
Commission on Crystallographic Nomenclature	0
Commission on Crystallographic Teaching	8
Commission on Crystallography in Art and Cultural Heritage	7
Commission on Diffraction Microstructure Imaging	8
Commission on Electron Crystallography	9
Commission on High Pressure	10
Commission on Inorganic and Mineral Structures	9
Commission on Magnetic Structures	11
Commission on Mathematical and Theoretical Crystallography	8

Commission on Neutron Scattering	8
Commission on NMR Crystallography and Related Methods	8
Commission on Powder Diffraction	9
Commission on Quantum Crystallography	9
Commission on Small-Angle Scattering	7
Commission on Structural Chemistry	10
Commission on Synchrotron and XFEL Radiation	9
Commission on XAFS	10

**The number of elected members prior to ad interim status*

Appendix 25 to Agenda

Regional and Scientific Associates

25.1 American Crystallographic Association (ACA)

The American Crystallographic Association, Inc. (the ACA) is a nonprofit, scientific organization of 1,300 members. It was founded in 1949. The objective of the ACA is to promote interactions among scientists who study the structure of matter at atomic (or near atomic) resolution. For more details, please visit the regularly updated ACA web page at http://www.amercrystalassn.org.

The 2025 ACA Council consisted of Gerald Audette (President), Danelle Gray (Vice-President), Allen Oliver (Past-President), Stephan Ginell (Treasurer), Kushol Gupta (Secretary), and Kenneth Childers as the Young Scientists Special Interest Group (YSSIG) representative to the Council (*ex officio*). Nicholas Sauter served as representative of the US National Division (USND) and Sarah Andres as the Canadian National Committee for Crystallography (CNCC) representative and Thomas Proffen as the IUCr representative (*ex officio*). Kristin Stevens continues as the ACA Executive Director. Membership of all committees and officers of all special interest groups are listed on the ACA website (https://www.amercrystalassn.org/).

In 2025 the Council continued its highly successful once-a-month teleconferences started during the COVID-19 pandemic. Council also met in person during the ACA Annual Meeting in Lombard in July 2025.

The 75th Annual Meeting of the American Crystallographic Association was held in Denver, Colorado from July 18 to 23, 2025. The practice to hold Scientific Interest Group (SIG) meetings by Zoom prior to the Annual Meeting continued. Attendance at these meetings have been robust and diverse, including many new members. Samantha Powell, Stacey Smith, Sarah Bowman and Christine Beavers were the meeting committee The 2025 Transaction Symposium was *The Evolving Landscape of Structural Science: AI and Multi-Method Approaches.*

There will be no annual meeting in 2026 because if the IUCr Congress being held in Calgary, Canada from August 11-18, 2026. The ACA will hold its annual business meeting during the congress.

The ACA/AIP journal *Structural Dynamics* achieved a five-year impact factor of 2.3.

The annual report for 2023 can be found in section C2 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C2 in Appendix C.

Th. Proffen, IUCr Representative

25.2 African Crystallographic Association (AfCA)

The Executive Committee of AfCA met regularly online during 2025. An election for a new EC will be held in the first half of 2026. The close association with the ECA continues, and ECA has agreed that African countries may be members of both ECA and AfCA, or remain as observers in ECA if they are unable to pay membership fees.

AfCA is registered as a non-profit organization in South Africa, with tax exempt status.

The 4th Pan-African Conference on Crystallography (PCCr4) was planned to be held in Algeria in 2025. Several members of the AfCA Executive were involved in planning this conference, with Prof Patrice Kenfack Tsobnang (AfCA Vice-President) chairing the PCCr4 Program Committee. Unfortunately, the local organizing committee in Algeria were compelled to cancel the in-person conference, so PCCr4 was held online 28-30 October 2025 and featured an excellent selection of international speakers and a lively poster session. Pre-conference workshops were presented by the CCDC and ICDD on 27 October.

Activities in crystallography have continued across the continent in 2025.

The second Stellenbosch Introductory Crystallography School was held in Stellenbosch, South Africa in July 2025. The week-long course had a total of 28 participants from Botswana (3), Ghana (1), Kenya (3), Nigeria (2), Zimbabwe (2) and South Africa (17). Eight

participants (those from Ghana, Kenya, Nigeria and Zimbabwe) returned in August for two weeks of intensive hands-on training in single-crystal X-ray diffraction aspart of the remote lab project recently launched at Stellenbosch University. The AFRAMED programme at the University of Lorraine/CNRS continued in 2026, training a further five researchers from the African continent (from Cameroon, Togo, Ivory Coast, Burundi and Sudan) in crystallography, and providing remote access to the diffractometer in Nancy.
In November 2025 the 8th Moroccan Crystallography School (EMC8) was held in Safi, Morocco. The school introduced crystallography and its applications through a mixture of lectures and hands-on sessions on structure solution and refinement. The General Assembly of the Moroccan Crystallography Association was held during the school, at which a new committee was elected.
The first school of crystallography in the Republic of Guinea, OpenLab Guinea 2025, was held in December 2025. The school was organized by Dr Mamadou Diallo (a member of the AfCA Executive Committee) and was aimed at 'introducing and disseminating modern X-ray crystallography techniques, particularly X-ray powder diffraction (XRD), within the West African scientific and technological community'. Twenty participants, including postgraduates, lecturers and participants from industry, were trained at this school.

Professor Claude Lecomte taught at a crystallography workshop in Togo in March 2025 and gave lectures on crystallography in many universities in Côte d'Ivoire, which were attended by over 100 undergraduate and masters students.
Several activities are planned for 2026. These include the African Materials Research Society conference to be held in Nairobi, Kenya, and a crystallography school in Franceville, Gabon. Both events are planned for December 2026.

The annual report for 2023 can be found in section C1 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C1 in Appendix C.

D. Haynes, AfCA President and S. Bourne, IUCr Representative

25.3 Asian Crystallographic Association (AsCA)

The Asian Crystallographic Association (AsCA) continues to play a leading role in fostering the collective interests and advancing the activities of the crystallographic and broader structural science communities across the Asia-Oceania region, consistently delivering successful scientific meetings in years when no IUCr Congress and General Assembly is held.

AsCA Conference 2025
The 19th Conference of the Asian Crystallographic Association (AsCA 2025) was held in Taipei (Taiwan, China) from December 1 – 6, 2025 (https://asca2025.org/). Jointly hosted by Taiwan and Japan, the Conference was a very successful event, attracting a record number of attendees with 733 registrations from 28 countries/regions, reflecting strong international engagement. Japan, Taiwan, and South Korea were most strongly represented. The scientific program was extensive, comprising 66 sessions, including 4 plenary lectures, 7 keynote lectures, 35 microsymposia, flash presentation sessions, Rising Star sessions, poster sessions, and 3 exhibitor luncheon seminars. The meeting also featured four pre-conference workshops and two post-conference workshops in Taiwan and Okinawa/Japan. Scientific contributions included 115 invited talks, 430 abstracts (104 oral, 326 poster), and research spanning structural biology, chemical crystallography, materials science, instrumentation, and data science. The program was further supported by 21 exhibition booths from 25 international companies. Overall, AsCA 2025 delivered a comprehensive and interdisciplinary scientific agenda with high participation across all career stages. The Conference returned a small surplus to the organisers and AsCA.

AsCA scientific meetings in 2026 and beyond
An AsCA Council meeting was convened during the conference, with the majority of councillors and representatives attending in person. A Zoom option was provided for those who were unable to travel to Taipei. At the Council meeting on December 3, 2025, a proposal from the Thailand delegation to host the 20th AsCA Conference in 2027 (venue and dates to be confirmed) was formally accepted. No AsCA conference is scheduled for 2026, due to the IUCr Congress taking place in Calgary, Canada in 2026.

New Executive Committee
During the Council meeting, Genji Kurisu (Japan) completed his three-year term as President, and Geoff Jameson (NZ) assumed the presidency after serving as Vice President. Myung Hee Kim (South Korea) and Mihwa Lee (Australia) were elected as Vice President and Secretary/Treasurer, respectively. Genji Kurisu (Japan) will continue to serve as Immediate Past President, and AsCA extends its sincere appreciation to the outgoing Secretary/Treasurer, Siegbert Schmid (Australia), for his six years of service. Under this new leadership, the Executive Committee aims to promote and support the AsCA activities over the next three years.

The annual report for 2023 can be found in section C3 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C3 in Appendix C.

G. Jameson, President, M. Lee, Secretary, and G. Kurisu, Past President and A, Nakagawa, IUCr Representative

25.4 European Crystallographic Association (ECA)

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section C4 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C4 in Appendix C.

25.5 Latin-American Crystallographic Association (LACA)

The present report has been prepared in accordance with LACA's role within the framework of the International Union of Crystallography (IUCr) and summarizes the main crystallographic activities carried out across its member countries during 2025.

Overview

In 2025, the Latin American Crystallographic Association (LACA) continued to strengthen its role as a regional platform for the promotion of crystallography and structural science across Latin America and the Caribbean. Through scientific meetings, training schools, outreach initiatives, and collaborative activities involving its member countries, LACA contributed to the development of human capital, the dissemination of crystallographic knowledge, and the consolidation of regional integration. The activities reported here reflect the dynamism of the crystallographic community in the region and its sustained commitment to education, scientific excellence, and international cooperation within the framework of the International Union of Crystallography (IUCr).

Major Scientific Events and Community Integration

The joint VII Meeting of the Latin American Crystallographic Association (LACA) and XXVII Meeting of the Brazilian Crystallographic Association (ABCr), held in Fortaleza, Brazil, from October 11 to 17, 2025, was the most important crystallography event in Latin America in 2025. The meeting gathered 240 participants from 20 countries, with strong regional participation. The scientific program included 73 oral presentations, 10 thematic microsymposia, 120 poster presentations, and industrial and institutional exhibitions. A key highlight was the LACA–ABCr School (October 13–14, 2025), which trained 60 students in advanced crystallographic techniques, including small molecule crystallography and X-ray fragment screening.

Uruguay organized the 3rd Uruguayan Course on Solid Oxide Cells for Use and Production of Hydrogen at Facultad de Química, Universidad de la República, held in Montevideo from April 7 to 11, 2025. Uruguayan crystallographers also co-organized and participated as lecturers in the Inaugural Caribbean Crystallography School, held at The University of the West Indies – Mona Campus in Kingston, Jamaica, from June 2 to 7, 2025. Uruguayan participation also extended to the VII LACA Small Molecule School, organized as a satellite activity of the VII LACA Meeting in Brazil in September 2025, strengthening regional scientific integration.

Argentina held the XX Annual Meeting of the Argentine Crystallographic Association in San Luis from November 5 to 7, 2025. The event hosted 98 participants from different Argentine provinces and included 18 plenary and semi-plenary lectures, 15 oral contributions, and 68 poster presentations. Within the framework of the Annual Meeting, the XIII Workshop of the Argentine Crystallographic Association, "Crystallography and the Productive Sector," promoted interaction among industrial laboratory personnel, crystallography specialists, and experts in technology transfer and outreach.

Infrastructure and Advanced Facilities

Brazil's Sirius synchrotron facility (CNPEM) continued to consolidate itself as a leading platform for structural biology and crystallography in Latin America. The First MANACÁ Workshop, held from August 4 to 7, 2025, combined theoretical lectures with hands-on training at the macromolecular crystallography beamline. It received 92 applications, selected 34 participants, and included researchers from Brazil, Argentina, Chile, and Uruguay. The initiative further established Sirius as a regional hub for advanced training, supported by inclusive funding mechanisms that reduced barriers for early-career researchers.

Education, Training, and Capacity Building

Training activities in 2025 were extensive and impactful, spanning national and international initiatives. Major activities included the Caribbean Crystallography School (Kingston, Jamaica, June 2–7, 2025), the Small Molecule Structure Determination Course (Fortaleza, Brazil, October 13–14, 2025), the Workshop on Crystal Structure Determination from Powder Diffraction (virtual, USA, December 1–2, 2025), and the Montevideo School on Small Molecule Crystallography (Montevideo, Uruguay, February 23–27, 2026). At the national level, the XIV Workshop on Crystallography Applied to Materials Science, held in Vitória on July 5, 2025, continued a long-standing Brazilian initiative focused on X-ray diffraction, phase identification, and materials applications.

Uruguay showed strong engagement in training and capacity building through both local organization and international teaching contributions. The 3rd Uruguayan Course on Solid Oxide Cells for Use and Production of Hydrogen provided national training at Facultad de Química, Universidad de la República, in April 2025. Uruguayan crystallographers served as co-organizers and lecturers in the Inaugural Caribbean Crystallography School in Jamaica, participated as lecturers in the Workshop on Crystal Structure Determination from Powder Diffraction, and contributed to the VII LACA Small Molecule School in Brazil.

Argentina organized the XVI School of the Argentine Crystallographic Association, "Crystal Growth and Structural Resolution Methods," from November 8 to 12, 2025, in La Punta and San Luis. The program was formally accredited as a postgraduate course by the National University of San Luis, with a total of 50 credit hours. The School brought together 19 students from Argentine universities and one student from Chile, and this edition was held with support from the International Union of Crystallography (IUCr).

Costa Rica contributed to regional training and human capital formation through the participation of Costa Rican students in LACA schools and related regional educational activities in 2025, supporting the strengthening of future national capacity in structural science.

Chile contributed significantly to advanced training in structural science through the organization of the CCP4/CCP-EM School Santiago 2025: Structural Biology at the Foot of the Andes, held from November 10 to 20 and hosted by the Universidad de Chile. The course brought together 25 international lecturers and 30 participants from different countries, covering the full workflow of protein structure determination, including data collection, processing, refinement, and structural modeling using X-ray

crystallography and cryo-electron microscopy. This initiative strengthened regional capabilities in structural biology, biotechnology, and precision medicine, while fostering international collaboration networks across Latin America.

Venezuelan crystallographers actively contributed to regional training initiatives. Members of the Venezuelan Crystallographic Society (SVCr) participated as instructors in the *III International School on Crystallography: Fundamentals of X-Ray Powder Diffraction*, held at the Universidad del Tolima (Ibagué, November 10–14, 2025). This activity, supported by the International Union of Crystallography and the International Centre for Diffraction Data, strengthened regional training in powder diffraction and consolidated collaboration between Colombia, Ecuador, and Venezuela.

Scientific Contributions and Research Activity

Brazilian researchers remained active across multiple domains, including structural biology and drug discovery, small molecule crystallography, materials science, synchrotron-based techniques, and interdisciplinary structural approaches. Notable contributions included applications of SAXS in vaccine development and biomaterials, research on porous silica systems for protein encapsulation and delivery, and collaborative studies integrating Raman, X-ray, and neutron-based techniques.

Argentina highlighted research excellence through the second edition of the "Dra. Graciela Punte" Award for the Best Doctoral Thesis in Crystallography. In 2025, the award was granted in the field of Structural Biology. The distinction was awarded to Dr. Lissy Zoe Florens Gross for the doctoral thesis "The modulating role of small compounds and metabolites in the conformational regulation of the PDK1 kinase: A structural, biophysical, and chemical biology approach," carried out at the School of Pharmacy and Biochemistry, University of Buenos Aires, and CONICET.

Outreach, Inclusion, and Community Engagement

Brazil demonstrated a strong and consistent commitment to diversity, inclusion, and community engagement through workshops, conferences, financial support for students, and public-facing outreach activities. Examples included gender-balanced participation in major events, support for early-career researchers, and outreach initiatives such as "Um dia na USP – What can I do with crystals?" and public lectures connecting crystallography with health and technology.

Uruguay continued its uninterrupted Crystal Growing Competition, a long-standing outreach initiative that remained active in 2025 with its 12th edition. This continuity reflects a sustained national effort to connect crystallography with students and the broader community through hands-on educational engagement.

Argentina continued the Crystal Growing Competition for High School Students, reaching its 12th edition in 2025. The initiative involved 78 schools from 17 provinces registered in the competition, with 80 entries received from 9 provinces across four categories. As the culminating event, selected groups were invited to participate in Winners Day in San Luis in November 2025, bringing together 14 groups from 7 provinces and more than 80 attendees. Notably, two of these groups later received medals in the 2025 IUCr International Crystal Growing Competition.Complementing this outreach effort, AACr members offered free teacher training courses in crystallography and crystal growth from March to August 2025. A total of 2 online and 14 in-person workshops were delivered across 7 provinces for teachers, teacher-training students, and the general public.

Costa Rica advanced outreach planning in 2025 through the formation of a commission aimed at establishing a national crystal growing competition, an important first step toward creating a sustained national educational and public engagement program in crystallography and crystal growth.

Chile demonstrated strong engagement in crystallography outreach through the Crystal Growing Competition "CristalEscolar 2025", organized by the Pontificia Universidad Católica de Valparaíso. The competition involved more than 90 educational institutions and nearly 200 finalist students, promoting experimental learning through crystal growth and the application of the scientific method in school settings. This initiative represents an important effort to engage young students with crystallography and science, contributing to early scientific education and the development of future generations of researchers.

Venezuela maintained strong outreach activities through its collaboration with the Asociación Venezolana de Olimpiadas de Química, supporting the organization of a national Crystal Growing Competition aimed at primary, secondary, and high school students. In 2025, the 10th edition of the competition focused on single crystal growth, with plans to expand participation nationwide. Additionally, members of the SVCr contributed as invited speakers in seminars organized jointly with AVOQUIM and the Universidad Simón Bolívar, promoting scientific dissemination and engagement with younger audiences.

International Engagement and Leadership

Brazilian crystallographers continued to play prominent roles in the international community through editorial positions in IUCr journals, leadership roles in IUCr Commissions, participation in international program committees, and active involvement in the organization of the IUCr Congress 2026 in Calgary. Brazil also continued to contribute significantly to regional integration through LACA and training initiatives across Latin America and the Caribbean.

Uruguayan crystallographers maintained an active international presence through co-organization and teaching roles in regional and extra-regional events. Their participation as lecturers in the Caribbean Crystallography School, the Workshop on Crystal Structure Determination from Powder Diffraction, and the VII LACA Small Molecule School demonstrate sustained engagement in international training and regional scientific cooperation.

Argentina maintained strong international engagement through the IUCr-supported XVI AACr School and through the international participation achieved in its training activities, including the attendance of a Chilean student. Argentina also gained international visibility through the results of its crystal growth outreach program, as two participating school groups later obtained medals in the 2025 IUCr International Crystal Growing Competition.

Costa Rica participated in regional and international engagement through lecturer involvement in the Inaugural Caribbean

Crystallography School held in Kingston, Jamaica, in June 2025; together with student participation in LACA schools, this highlights the country's growing integration into regional crystallographic training and cooperation networks.

Venezuelan crystallographers remained engaged in regional scientific networks through participation in seminar series such as the Latin American Network of Condensed Matter Physics and Materials Science. Their involvement as instructors in international crystallography schools and collaboration with neighboring countries reflects sustained participation in regional capacity building and scientific cooperation initiatives.

Challenges and Future Perspectives

Despite the progress observed in 2025, important challenges remain for the Latin American crystallographic community, including unequal access to advanced infrastructure, limited funding for training and mobility, and the need to strengthen collaboration across sectors. A key issue is the significant disparity in activity levels across the region, reflecting differences in resources, infrastructure, and critical mass. Addressing these gaps through stronger regional integration, targeted support, and expanded training opportunities will be essential to ensure balanced and inclusive development within LACA.

The annual report for 2023 can be found in section C5 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C5 in Appendix C.

M. C. Nonato, IUCr Representative

25.6 Worldwide Protein Data Bank (wwPDB)

Concerns regarding the future of wwPDB funding did not ease in 2025. The wwPDB AC unreservedly reaffirmed its support for the wwPDB Archive. As the central repository for experimentally determined atomic models of biomolecular structures, the wwPDB represents the sum total of our knowledge of the molecular basis of life. The wwPDB Core Archive is one of the greatest global scientific accomplishments and must not be lost. The AC agreed to participate in a communication to a respected journal which wwPDB PIs could share with funders and government agencies, and urges other prominent leaders across academia, Pharma, Biotech, Tech and elsewhere to participate.

ONE-DEP. There are at least two significant challenges for data deposition –the increased complexity of submissions, and a code base that needs significant overhaul. Addressing either issue will require new funding. The strong opinion of the AC was that the single most important mission for the wwPDB is to upgrade OneDep, to ensure stability of the resource, and to specifically retire technical debt.

In 2025, the wwPDB ARCHIVE held 247,382 experimentally determined biomolecular structures (an increase of 8% (18,016) from 2024). More than 80% of archived structures were determined by crystallography but over the last decade the proportion determined by electron microscopy (EM) has continued to increase. In 2025, the ratio of new EM to new crystallographic structure depositions was 0.41:0.59 (2024, 0.39:0.61). Since 2015, integrative models generated using combined experimental data, physical principles, statistical preferences, and other prior information etc have been archived. The wwPDB archive holds 382 integrative structures (42 new in 2025). A separate archive is available of >1M computed structure models (AlphaFoldDB and ModelArchive).

Associate Member PDB China (PDBc) is now processing 100% of mainland China depositions. PDBc currently uses servers at PDBj in Osaka. To become a full wwPDB, member, PDBc will need to install servers in Shanghai and staff will need to be trained in their use and maintenance. The AC strongly supported continuation of the process to full membership. The wwPDB comprises RCSB-PDB (USA), PDBe (Europe), PDBj (Japan), BMRB (NMR) and EMDB (Electron Microscopy). The five centres collaborate closely and share the load on data deposition, maintaining a single freely accessible open-access wwPDB archive. The advisory Committee (AC) meets once a year to support and advise PIs on direction and challenges. Professor John Rubinstein (University of Toronto) is chair of the AC. IUCr rep in 2025 was Professor Jennifer Martin (Australia) who stepped down in 2026. For the full report and all presentations, go to https://www.wwpdb.org/about/advisory AZBwuuyNgQ

The annual report for 2023 can be found in section C6 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C6 in Appendix C.

J. L. Martin, IUCr Representative

25.7 International Centre for Diffraction Data (ICDD)

At the time of preparing these papers, the annual reports for 2024 and 2025 have not yet been received.

The annual report for 2023 can be found in section C7 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

25.8 International Organization for Crystal Growth (IOCG)

The new President of the IOCG, Prof Elias Vlieg of Radboud University, The Netherlands, also a member of the Commission on Crystal Growth and Characterisation of Materials took over in 2023.

One of the highlights was the (21st) International Conference on Crystal Growth and epitaxy (ICCGE-21) held in Xi'an, China in August 2025, in which the IOCG played a large role. Prof Vlieg, was the Chair of the International Advisory Committee, playing a crucial role in the organisation of this conference. Several members of the Commission on Crystal Growth and Characterization of Materials were on the International Programme Committee as well as Chairs of several of the Sessions. The members also engaged actively with Prof Vlieg in the formation of the scientific programme for this meeting.

At this Conference, the IOCG Frank Prize was awarded jointly to Professor Koichi Kakimoto, former IOCG President and a Consultant in our Commission, and Prof Jeff Derby, for their significant fundamental contributions to the field, particularly in the development and promotion of numerical modelling in bulk crystal growth. Prof. Kakimoto and Prof. Derby delivered the Frank Prize keynote lectures.

There were meetings held of the IOCG Executive Committee, Council and General Assembly during the ICCGE-21 Conference in Xi'an in Aug 2025. Elias Vlieg announced the election results for IOCG Officers and Executive Committee Members and welcomed them all. New nominations were also taken for the representatives for the council.

The next in-person meeting of the IOCG members is not expected until the ICCGE-22 in Grenoble, France, July 2028. and we look forward to this eagerly and to contribute to its activities.

The annual report for 2023 can be found in section C8 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C8 in Appendix C.

G. Balakrishnan, IUCr Representative

Appendix 26 to Agenda

Bodies not belonging to the Union

26.1 Interdivisional Committee on Terminology, Nomenclature and Symbols of the International Union of Pure and Applied Chemistry (IUPAC ICTNS)

At the time of preparing these papers, the annual report for 2025 has not yet been received.

The annual report for 2023 can be found in section C9 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C9 in Appendix C.

26.2 International Science Council (ISC)

The International Science Council (ISC) (https://council.science/) works at the global level to promote and convene scientific expertise. It advises and influences global institutions on issues of major concern to both science and society. The President of ISC is Peter Gluckman (New Zealand), President Elect is Robbert Dijkgraaf (Netherlands) and the CEO is Salvatore Aricò (France).

The Membership of ISC https://council.science/members /) includes:
Category 1: Scientific organizations devoted to the practice and promotion of a specific scientific discipline or area of science - (45 International Unions like IUCr) and some other scientific organizations,
Category 2: Academies of sciences, research councils and analogous scientific bodies representing a broad spectrum of scientific fields and disciplines on a national, territorial or regional level
Category 3: National, regional or global organizations including young scientist organizations, scientific federations and societies
Category 4: Observer organizations, including co-sponsored science programmes.

ISC Members determine the ISC governance structure and chart the ISC's strategic direction. They meet in-person every two years. The 3rd ISC General Assembly (GA) took place on the 29 – 30 January 2025 in Muscat, Oman, and was proceeded by Muscat Global Knowledge Dialogue https://council.science/events/muscat-gkd/

IUCr vice president, Graciela Diaz Delgado attended the venue in person, I took part in GA on Zoom in my role of IUCr voting representative. Whereas the 2025 budget was approved by GA, the proposed adjustment of membership dues for inflation was not approved. *The disparity in dues paid by unions within Category 1, ranges from around 1,000 to 26,000 EUR. The total income ISC receives from Category 1 Members is around 5% of ISC's total income from dues; therefore, adjusting the calculation method for dues among Category 1 Members is unlikely to significantly impact ISC's overall income.* Livestreams and recordings of most of the GA sessions are available on the ISC YouTube channel https://www.youtube.com/@InternationalScienceCouncil/streams

At the conclusion of the Third ISC General Assembly in Muscat, Oman, the China Association for Science and Technology (CAST) invited all delegates to gather for the next ISC mid-term meeting in October 2026 in Beijing. https://council.science/events/mmm-beijing/

The in-progress Strategic Framework 2025–2028 sets out five priority areas of ISC w ork.
1: Freedom, responsibility and inclusivity in science

2: International science agenda-setting
3: The evolution of science systems
4: Science for evidence-based policy-making
5: Science diplomacy

The report of all ISC Activities and Achievements can be found at https://council.science/what-we-do-overview/

To secure the funding for all activities that will benefit the Council, the ISC has established in 2024 a charitable foundation in the UK https://council.science/aboutus/charitable-trust/
In 2025 I have received much more than 100 emails and meeting invitations. Information about current programs and activities important for scientific community can be find at continuously updated ISC website, https://council.science/

The annual report for 2023 can be found in section C10 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C10 in Appendix C.

H. Dabkowska, IUCr Representative

26.3 ISC Committee on Data for Science and Technology (CODATA)

At the time of preparing these papers, the annual reports for 2024 and 2025 have not yet been received.

The annual report for 2023 can be found in section C11 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

Report on the UNESCO Initiative on Open Science

As background recall that UNESCO's Recommendation on Open Science was adopted by the General Conference of UNESCO at its 41st session, on 23 November 2021. The Recommendation affirmed the importance of open science as a vital tool to improve the quality and accessibility of both scientific outputs and scientific process, to bridge the science, technology, and innovation gaps between and within countries and to fulfil the human right of access to science. Details of this are here https://www.unesco.org/en/open-science?hub=686

UNESCO convened five ad-hoc Working Groups focusing on key impact areas, bringing together experts and open science entities, organizations, and institutions. In the past triennium 2020 to 2023 I had attended these Working Groups on behalf of IUCr, and in the current triennium 2023 to 2026 the consequent events of UNESCO and the UN. Open Science monitoring of principles adopted by different countries has become a main component of UNESCO's progress.

Linked to this UNESCO initiative, and its own events, was a three-day hybrid conference organised by the UN Library in October 2025 entitled "The 4th United Nations Open Science and Open Scholarship Conference" https://www.un.org/en/library/OS25. This had a focus on accelerating the UN's sustainable development goals and democratizing the record of science within which Open Science is a principal component. Unlike UNESCO, and the International Science Council, the UN is keen to engage private actors in accomplishing their SDGs notably UN's Sustainable Development Goal 9 https://www.un.org/sustainabledevelopment/infrastructure-industrialization/. Additionally, this UN event, and UNESCO, emphasised the 'power asymmetries between Global North and Global South' economies. This included the elitism of the Global North dominated 'high impact' publications i.e. in effect shutting out the far less well financed Global South scientists. These insights have led to analyses of IUCr Journals titles by the Head of IUCr Journals Strategy with respect to countries of authorships, also split into academic laboratories and from industry authors. Notably UNESCO has called for a flexibility of journal acceptance standards, which seems intractable to me, but highlights the importance of providing economic aid (our IUCr bursaries for example) and actively providing our expertise such as from our co-editors (e.g. allowing several rounds of submitted article revisions).
A specific conclusion from the UN/UNESCO deliberations has strongly featured a growing importance of, and seeking funds for, the prioritising diamond open access for publications. Diamond' open access refers to a scholarly publication model in which journals and platforms do not charge fees to either authors or readers e.g. see 202203-diamond-oa-action-plan.pdf (scienceeurope.org) . The Global South seems to be making progress with Diamond open access journals but are thus far not used by Global North authors; see for example https://africanbookscollective.com/why-diamond-open-access-in-the-global-south/ . The IUCr Journals article waivers, when sufficient resources are available, are an alternative means of providing Diamond open access for those authors without publishing funds. There are interesting parallels between government aid programmes to lower income countries as well as from the World Bank where a split of financial aid and providing expertise is increasingly being made. The IUCr's Visiting Professorships scheme also has a significant role to play.

Throughout the triennium I prepared reports for the Editor in Chief and Head of IUCr Journals Strategy, and the IUCr CEO where appropriate. I authored a lead article, which is in press in Acta Cryst A, entitled "Crystallography and Open Science and its Open Educational Resources", the second topic referring to a previous UNESCO initiative: https://www.unesco.org/en/open-educational-resources/resources . My article provides a landscape overview and where we might yet still improve IUCr's efforts as a global force for public good.

J. R. Helliwell, ad hoc IUCr Representative

26.4 ISC Committee on Space Research (COSPAR)

COSPAR's (https://cosparhq.cnes.fr/) main objective is to promote international collaboration in scientific research in Space, with an emphasis on the exchange of results, information and opinions. This organization is responsible for developing world standards for the space environment and its protection.

COSPAR's highest body is the Council. The Council comprises the Committee's President, Representatives of Member National Scientific Institutions and International Scientific Unions, the Chairs of COSPAR Scientific Commissions, and the Chair of the Finance Committee. The Council meets at the Committee's biennial Scientific Assembly. Between Assemblies on a day-to-day basis COSPAR is run by the Bureau.

COSPAR President for the period 2022–2026 is Pascale Ehrenfreund (Netherlands/USA) and the Vice-Presidents are Catherine Césarsky (France) and Pietro Ubertini (Italy). Members of the Bureau are: Vassilis Angelopoulos (USA), Masaki Fujimoto (Japan), Manuel Grande (UK), Petra Rettberg (Germany), Iwona Stanislawska (Poland) and Chi Wang (China).

The most recent 45th Scientific Assembly of COSPAR was held in Busan, South Korea, 13th – 21st July 2024. https://www.cospar2024.org/
The 46th COSPAR Assembly will be in Florence, Italy, on the 1st – 9th of August 2026. https://www.cospar2026.org/
The 47th COSPAR Assembly will take place in Dubai, on the 8th – 16th July 2028.

Following the success of the Capacity Building Workshop (CBW) on Crystallography for Space Science, in April 2016 in Puebla, Mexico (http://www.inaoep.mx), a similar workshop/school has been proposed for Nairobi, Kenya in 20th September – 2nd October 2026 (https://cospar.uonbi.ac.ke/). Yuki Kimura (IUCr) and Carlos Gabriel (COSPAR) will co-chair in the CBW organizer.

The Chair of the Scientific Commission on Material and Fluid Sciences in Space Conditions (Scientific Commission G) is M. Avila (Germany), and vice-chairs are K. Brinkert (UK), K. Li (China), J. Porter (Spain) and A. Romero-Calvo (USA).

The official journal of COSPAR is Advances in Space Research (ASR) "https://www.journals.elsevier.com/advances-in-space-research" has the impact factor of 2.8 (in 2024). ASR includes COSPAR's information bulletin Space Research Today. Another COSPAR journal, Life Sciences in Space Research "https://www.journals.elsevier.com/life-sciences-in-space-research" has the impact factor of 2.8 (in 2024), is a quarterly peer-reviewed scientific journal covering astrobiology, origins of life, habitability, life in extreme environments, effects of spaceflight on the human body, radiation risks and other aspects of life sciences relevant in space research.

In 2025 COSPAR organized Five CBWs:
- ASTRAL-X: Advanced Spectral-Timing Polarimetry, and High-Resolution Spectroscopy X-ray School for Latin America, La Plata, Argentina, 1 – 12 December 2025
- African Space Hydrology Capacity Building Workshop "AfrHySpace", Kribi, Cameroon, 17 – 29 November 2025
- A Hands-on Workshop with JWST and UVIT: "Galaxies on a Resolved Scale", Bangalore, India, 20 – 31 October 2025
- ICTP-UNOOSA-COSPAR Capacity Building Collaboration on The International Reference Ionosphere and NeQuick – Improving the Representation of the Real-Time Ionosphere, Trieste, Italy, 29 September – 10 October 2025
- PORSEC Capacity Building Tutorial and Conference, Keelung, Taiwan, 18-26 April 2025

The Panel on Capacity Building (PCB) Fellowship program is open to young scientists who participated at one of the COSPAR CBW, enabling them to build on skills gained at the workshop. It provides for visits of 2-6 weeks duration for the purpose of discussing ideas for a future workshop or carrying out joint research with one of the previously agreed lecturers/advisors of the corresponding workshop.
COSPAR co-organizes a limited number of meetings and colloquies each year that are of interest to its Associates. More information about these initiatives can be found at https://cosparhq.cnes.fr/events/co-sponsored-meetings.

The annual report for 2023 can be found in section C12 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C12 in Appendix C.

Y. Kimura, IUCr Representative

26.5 International Organization for Standards (ISO)

The Chairman of the CCN is a member of the ISO. The group sends out emails from time to time. No topic of interest to crystallographers was addressed during 2025.

The annual report for 2023 can be found in section C13 here: https://doi.org/10.1107/S2053273324005990/es5055sup3.pdf

The annual report for 2024 can be found in section C13 in Appendix C.

C. P. Brock, IUCr Representative

Appendix 27 to Agenda

Sponsorship of meetings: Meeting Support Committee

The Meeting Support Committee (MSC) has received funding requests for a total of 26 events taking place during the year 2025. The number of applications is pretty much on par with the years 2024 (31), 2023 (21) and 2022 (24). Among the 26 submitted events were five Regional Associate Meetings (ACA, AsCA, ECM, LACA and PCCr) and two national crystallographic meetings (Bangladesh and Turkey). The Bangladesh National Crystallography Meeting was originally planned for 2024 but due to a conflict with the AsCA dates in December 2024, the organizers decided to move it to 2025. The Turkish National Crystallography was planned to be held in the UK in May 2025.

Of the 26 applications, 24 received support. One of the 26 applications was received from the Gordon Research Conference Series. This was later withdrawn due to incompatibility of policies between GRC and IUCr. The second event, which did not receive funding was the National Turkish Crystallography Meeting to be held in the UK. The MSC was not convinced of the application and of the reasons why a national meeting should be held in a foreign country. An overview of all events during 2025, which applied for IUCr funding and received funding, is provided in the attached document.

The total funds requested by the event organizers were 154.500.- US-$, the total funds allocated to the 30 funded events were 96.000.- US-$ (62%). The funding level is slightly higher than 2024 but on the same level as 2023. Due to the reduction of the MSC budget by the FC for 2025, not all events could be supported at an adequate level.

For visiting professorships 30.900.- US-$ were requested and 11.900.- US-$ (39%) allocated. The high level of funding requests for visiting professorships seems to demonstrate how important the IUCr visiting professorship scheme is to increase the attractiveness of events in developing areas. Therefore, the MSC took the decision to divert some of the early career scientist bursary funds to the visiting professorship scheme.

In total MSC overspent the allocated budget for 2025 events (100.000.- US-$ plus 5.000.- US-$) by 2.900.- US-$. In this respect, we would like to note that the PCCr4 conference, which was planned to take place as an in-person event, had to be on short notice reorganized as a hybrid event. Some of the allocated IUCr funds were used to enable this. The remaining funds (appr. 8.400.- € 10.000.- US-$) will be retained by AfCA (EC decision from Jan 20, 2026) for the PCCr-5 conference, which will take place at the end of 2027 or early 2028.

The MSC has also worked on refurbish the funding guidelines and the application form. One important aspect was to reduce redundancies and to make things clearer for the applicants. There is now a new application form which combines applications for early career scientist bursaries and visiting professorships. The new application guidelines also contain a template text for gender and diversity statements, as well as a checklist for applicants. A wish from the MSC also was, that applications of events constituting a series should be accompanied by a report of the previous event. This was mainly precipitated by the EMC-8 application. After submission MSC learned that no report for EMC-7 had been submitted even though EMC-7 had taken place 2 years earlier.

Finally, after the ECM meeting in Poznan (Poland) in August 2025, the chair of the MSC was passed from Manfred Weiss to Maria Cristina Nonato. An online MSC meeting was organized and took place on Dec 22, 2025.

The following meetings received support during the period January 2023 to December 2025:

3rd Pan-African Conference on Crystallography, PCCr3, 17-21 January 2023

7th Moroccan School of Crystallography, EMC7, 14-16 February 2023

19th BCA/CCG Intensive Teaching School in X-ray Structure Analysis, 25 March to 2 April 2023

Hot Topics in Contemporary Crystallography 5, HTCC5, 16-21 April 2023

South African Powder Diffraction Conference 2023, SAPDC2023, 16-21 April 2023

1st Masuku Remote Crystallography Openlab, 16-26 May 2023

8th International School on Biological Crystallization, ISBC2023, 21-26 May 2023

Summer School on Mathematical Crystallography, 12-16 June 2023

15th International Conference on Quasicrystals, ICQ15, 18-23 June 2023

European Crystallography School 8, ECS8, 18-24 June 2023

AIC Electron Crystallography School, AIC2023, 3-6 July 2023

International Conference on Crystal Growth and Epitaxy, ICCGE20, 30 July to 4 August 2023

Q2EXAFS 2023 (associated with the IUCr Congress), 17-19 August 2023

Electron Crystallography School (associated with the IUCr Congress), 19-21 August 2023

Fragment-Screening Workshop (associated with the IUCr Congress), 21 August 2023

Workshop on X-ray Absorption Fine Structure (associated with the IUCr Congress), XAFS-2023, 22 August 2023

International School on X-ray Powder Diffraction, 11-15 September 2023

26th Brazilian Crystallographic Association (ABCr) Meeting, 12th-14th November 2023.

High Resolution X-Ray Diffraction and Imaging (XTOP-2024), 17th-22nd March 2024.

Hot Topic in Contemporary Crystallography 2024 (HTCC6), 7th-12th April 2024.

RapiData2024, 29th April-4th June 2024.

18th International Symposium on Metal-Hydrogen Systems (MH2024), 26th-31st May 2024.

Real Materials in the Information Era (ISCoC-59), 31st May-4th June 2024.

Zurich School of Crystallography 2024 (ZSCr-11), 17th-29th June 2024.

ACA Summer School on Chemical Crystallography, 23rd-30th June 2024.

European Crystallographic School 9 (ECS-9) 24th-30th June 2024.

74th American Crystallography Association (ACA) Meeting 2024, 7th-12th July 2024.

4th European School on Crystal Growth (ESCG4), 17th-20th July 2024.

8th European Conference on Crystal Growth (ECCG8), 21st-25th July 2024.

Early Career Diffraction Methods Seminar (DiffMeth-2024), 21st-22nd July 2024.

High Pressure Single Crystal X-Ray Diffraction Summer School (HP-Edinburgh), 22nd-26th July 2024.

International School on Fundamental Crystallography (MathCryst-7) 12th-16th August 2024.

34th European Crystallographic Meeting (ECM-34), 26th-30th August 2024.

European Powder Diffraction Conference (EPDIC-18), 30th August-2nd September 2024.

Electron Crystallography School 2024 (ElCrys-2024), 31st August-2nd September 2024.

13th International Conference on Inelastic X-Ray Scattering (IXS-2024), 8th-13th September 2024.

SMARTER8, 22nd-25th September 2024.

Latin American Crystallographic Association Meeting (LACA-2024), 23rd-26th September 2024.

VI LACA School: Quantum Crystallography (LACA-Sch-2024), 19th-21st September 2024.

2024 IUCr Commission on High Pressure Workshop (CHP-2024), 25th-28th September 2024.

6th International Symposium on Halogen Bonding (ISXB6), 20th-24th October 2024.

Fragment-Screening Workshop Sirius (FS-WS-2024), 4th-5th November 2024.

19th International Small Angle Scattering (SAS-2024), 3rd-8th November 2024.

Sagamore XX Conference on Quantum Crystallography, 10th-15th November 2024.

International Workshop on Magnetic Crystallography 2024 (MagCr-2024), 24th-30th November 2024.

Asian Crystallographic Association Meeting 2024 (AsCA-2024), 1st-6th December 2024.

LACA Rigaku Open Lab 2024 (Rig-OL-2024), 2nd-8th December 2024.

9th Conference of Bangladesh Crystallographic Association, 10th January 2025.

Crystallisation Contest in African Schools (Inaugural Kenyan Schools Crystallization Contest), 25th January 2025.

20th BCA/CCG Intensive Teaching School in X-ray Structure Analysis, 29th March-5th April 2025.

4th Pan African Conference on Crystallography, 20th-24th April 2025. (Withdrawn)

Structural Biology 2.0: Computational Tools and X-Ray Diffraction Integrated to Solve and Understand 3D Protein Structures, 21st-30th April 2025.

60th International School on Crystallography: Electron Crystallography, 30th May-7th June 2025.

61st International School on Crystallography: Quantum Crystallography, 30th May-7th June 2025.

Inaugural Caribbean Crystallography School, 2nd-7th June 2025.

2025 ACA Summer Course in Chemical Crystallography, 22nd-29th June 2025.

16th International Conference on Quasicrystals (ICQ16) 22nd-27th June 2025.

AIC international school 2025: Current and Future Integrative Structural Biology, 7th-11th July 2025.

75th ACA Annual Meeting, 18th-23rd July 2025.

MANACÁ Workshop on practical Macromolecular Crystallography using Synchrotron Radiation: From Data Collection to Structure determination, 4th-7th August 2025.

Workshop: Building Capacity in AI-Driven Drug Discovery and Vaccine Design: AlphaFold Training by BioStruct-Africa, 11th-15th August 2025.

35th European Crystallographic Meeting (ECM-35), 25th-29th August 2025.

6th International School on Aperiodic Crystals (ISAC-6), 1st-5th September 2025.

IUCr High Pressure Workshop 2025, 21st-26th September 2025.

1st Latin American Powder Diffraction Conference (LAPDiC-1), 13th-14th October 2025.

VII LACA-ABCr School, 13th-14th October 2025.

VII Latin American Crystallographic Association Meeting and XXVII Brazilian Crystallographic Association Meeting (LACA and ABCr), 14th-17th October 2025.

III International School on Crystallography: X-Ray Powder Diffraction, 10th-14th November 2025.

CCP4/CCP-EM Santiago, Chile: Structural Biology at the Foot of the Andes, 10th-20th November 2025.

19th Conference of the Asian Crystallographic Association (AsCA2025), 1st-5th December 2025.

2nd Young Crystallographers Meeting (YCM2), 2nd-5th December 2025.

The annual report for 2023 can be found in section B1 here: https://doi.org/10.1107/S2053273324005990/es5055sup2.pdf

The annual report for 2024 can be found in section B1 in Appendix B.

Appendix 28 to Agenda

Date and place of Twenty-Eighth General Assembly

In accordance with By-Law 1.3, the Twenty-Sixth General Assembly in Melbourne in 2023 gave consideration to invitations that had been received to host the Twenty-Eighth General Assembly and International Congress of Crystallography in 2029. The General Assembly accepted the invitation from the German Society for Crystallographers (DGK) to hold the Congress in Berlin, Germany in 2029.

Appendix 29 to Agenda

Consideration of date and place of Twenty-Ninth General Assembly

By-Law 1.3 allows for consideration to be given by the General Assembly to an invitation for the next-but-one General Assembly. At the time of preparing these papers, two invitations to host the 2032 General Assembly and Congress have been received. One from the Indian National Science Academy to hold the Congress in Mumbai, India, and the other from the Korean Crystallographic Association to hold the Congress in Incheon, Korea.

The locations of earlier Congresses are:
1948 Cambridge, USA
1951 Stockholm, Sweden
1954 Paris, France
1957 Montreal, Canada
1960 Cambridge, UK
1963 Rome, Italy
1966 Moscow, USSR
1969 Stony Brook, USA
1972 Kyoto, Japan
1975 Amsterdam, The Netherlands
1978 Warsaw, Poland
1981 Ottawa, Canada
1984 Hamburg, Federal Republic of Germany
1987 Perth, Australia
1990 Bordeaux, France
1993 Beijing, People's Republic of China
1996 Seattle, USA
1999 Glasgow, UK
2002 Geneva, Switzerland*
2005 Florence, Italy
2008 Osaka, Japan
2011 Madrid, Spain
2014 Montreal, Canada
2017 Hyderabad, India
2021** Prague, Czech Republic
2023 Melbourne, Australia
2026 Calgary, Canada
2029 Berlin, Germany

* To be considered as Jerusalem, Israel.
** Postponed from 2020 due to the pandemic.

Appendix 30 to Agenda

Determination of general policy and timetable for period to Twenty-Eighth General Assembly

Statute 5.10(*l*) requires the General Assembly to determine the general policy and timetable for the period to the next General Assembly. Several meetings to be held in this period have already requested IUCr sponsorship and financial support. These requests have been considered by the Meeting Support Committee and the Executive Committee. Further requests may be received before the next General Assembly. The General Assembly may wish to consider the present policy of the IUCr in its various activities, including the size, scope and length of the triennial Congresses, the number of meetings sponsored by the IUCr and the level of financial support for such meetings.

Appendix 31 to Agenda

Preliminary consideration of activities for period 2029–2032

Statute 5.10(*m*) requires the General Assembly to give preliminary consideration to the activities of the IUCr for the three-year period following the next General Assembly.

Appendix 32 to Agenda

Budget estimates for period to Twenty-Eighth General Assembly: determination of unit contribution

(a) Budget estimates

The estimated budget for the General Fund is set out below, for the period until the next General Assembly. Since the budget estimates had to be prepared at a time when the decisions on many activities were still to be made, these estimates should be

considered with due reserve. With this proviso, and in accordance with Statute 9.3, the Executive Committee presents to the General Assembly the following estimates for the three-year period 1 January 2026 – 31 December 2028.

	CHF	CHF
INCOME		
Subscriptions from Adhering Bodies	483,000	
Yield from investments and banking accounts	300,000	
		786,000
EXPENDITURE		
Administration	1,015,000	
Subscriptions	5,000	
Administrative meetings	175,000	
Scientific meetings	3,000	
		1,193,000
ESTIMATED PROFIT/(DEFICIT)		(398,400)

(b) Unit Contribution
According to Statute 5.10(k), the General Assembly has to determine the Unit Contribution to be paid by the Adhering Bodies for the period to the next General Assembly. The Executive Committee recommends to the General Assembly that the Unit Contribution should remain at its present level of CHF 1,000 (set at the Beijing Congress in 1993) for the years 2027-2030. For the period 2030-2033 the Executive Committee will propose an increase of 10% which will be presented at the next General Assembly in Berlin, Germany.

Appendix 33 to Agenda

Confirmation of appointments of Editors of publications of the Union

Statute 7.1 of the Union prescribes that initial appointments and re-appointments of the Editors of the publications of the Union are made by the Executive Committee and are subject to confirmation by the General Assembly.

The Executive Committee intends to appoint (or re-appoint) A.J. Allen as Editor-in-Chief of IUCr journals; A. Altomare and S.J.L. Billinge as Editors of Section A of Acta Crystallographica; L. Dawe, A. Katrusiak and A. Nangia as Editors of Section B of Acta Crystallographica; A.R. Kennedy, A. Sarjeant and J. White as Editors of Section C of Acta Crystallographica; C.S. Bond and R.J. Read as Editors of Section D of Acta Crystallographica; G. Diaz de Delgado, W. T. A. Harrison, J.A. Kaduk, C. Massera and L. Van Meervelt as Editors of Section E of Acta Crystallographica; J. Agirre and C. Nonato as Editors of Section F of Acta Crystallographica; J. Hajdu, G.J. McIntyre and F. Meilleur as Editors of Journal of Applied Crystallography; D. Bhattacharyya, K. Kvashnina and M. Yabashi as Editors of Journal of Synchrotron Radiation; D. Argyriou, C.R.A. Catlow, H.N. Chapman, R.C. Garratt, L.R. MacGillivray, S. Subramaniam and X. Zou as Editors of IUCrJ, W.T.A. Harrison, L.M.J. Kroon-Batenburg, E.R.T. Tiekink, L. Van Meervelt and M. Weil as Editors of IUCrData and E.V. Boldyreva, R. Ingle, K.M.O. Jensen, C.O. Sorzano, M.J. van Raaij and M. Yousufuddin as Commissioning Editors.

The Executive Committee intends to appoint (or re-appoint) C.P. Brock as Editor-in-Chief of International Tables; M.I. Aroyo as Editor of Volume A; TBD as Editor of Volume B; TBD as Editor of Volume C; TBD as Editor of Volume D; G. Madariaga as Editor of Volume E; E. Arnold and L.Tong as Editors of Volume F; B. McMahon and J. Hester as Editors of Volume G; J.A. Kaduk as Editor of Volume H; C.T. Chantler, F. Boscherini and B. Bunker as Editors of Volume I; and TBD as Editor of Volume A1.

Appendix 34 to Agenda

Elections

The procedures for nominations and elections are described in Section 8 of the Union's By-Laws. Nominations shall be made by the Executive Committee; other nominations may be made by any six or more delegates to the General Assembly. The nominations by the Executive Committee for Officers of the Union are given in Appendix 37.3 to the Agenda. The nominations for Chairs and members of Commissions and for Representatives on bodies not belonging to the Union will be presented at the General Assembly. The Executive Committee will be meeting the Chairs of the Commissions and IUCr Representatives to discuss their work and, where appropriate, make recommendations for membership for the next triennium. In making their votes, delegates should remember that they are representing their Adhering Bodies, who may have provided guidance on how they should vote on certain items.

34.1 Chairs and members of Commissions

The numbers of elected members are determined by the General Assembly for each individual Commission. It should be noted that, according to By-Law 7.3, service on a Commission is limited to three consecutive full terms of office, except for Editors, Co-editors and *ex officio* members. A person who has already served for three full consecutive terms is still eligible as Chair for a fourth term.

The **present** memberships of Commissions (and the original years of election or appointment for non-publishing Commissions) are as follows:

Commission on Journals

Chair, Editor-in-Chief:	A.J. Allen (USA)
Editor of Acta Cryst. Section A:	A. Altomare (Italy) S.J.L. Billinge (USA)
Editors of Acta Cryst. Section B:	L. Dawe (Canada) A. Katrusiak (Poland) A. Nangia (India)
Editors of Acta Cryst. Section C:	A.R. Kennedy (UK) A. Sarjeant (USA) J. White (Australia)
Editors of Acta Cryst. Section D:	C.S. Bond (Australia) R.J. Read (UK)
Editors of Acta Cryst. Section E:	G. Diaz de Delgado (Venezuela) W.T.A. Harrison (UK) J.A. Kaduk (USA) C. Massera (Italy) L. Van Meervelt (Belgium)
Editors of Acta Cryst. Section F:	J. Agirre (UK) C. Nonato (Brazil)
Editors of IUCrData:	W.T.A. Harrison (UK) L.M.J. Kroon-Batenburg (The Netherlands) E.R.T. Tiekink (Malaysia) L. Van Meervelt (Belgium) M. Weil (Austria)
Editors of IUCrJ:	D. Argyriou (Sweden) C.R.A. Catlow (UK) H.N. Chapman (Germany) R.C. Garratt (Brazil) L.R. MacGillivray (USA) S. Subramaniam (Canada) X. Zou (Sweden)
Editors of JAC:	J. Hajdu (Sweden) G.J. McIntyre (Australia) F. Meilleur (USA)
Editors of JSR:	D. Bhattacharyya (India) K. Kvashnina (France) M. Yabashi (Japan)
Commissioning Editors:	E.V. Boldyreva (Russia, Acta B) R. Ingle (UK, JSR) K.M.O. Jensen (Denmark, Acta A) C.O. Sorzano (Spain, Acta D) M.J. van Raaij (Spain, Acta F) M. Yousufuddin (USA, Acta C)
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E.V. Boldyreva (Russia, Acta B, IUCrData)
M. Bolte (Germany, IUCrData)
S. Bone (Germany, JSR)
S. Boutet (USA, JAC)
M. Bowler (France, Acta F)
H. Brand (Australia, JAC)
A. Brewster (USA, IUCrData)
A. Briceno (Venezuela, Acta E)
I. Brito (Chile, IUCrData)
E. Bullitt (USA, IUCrJ)
A. Buschiazzo (Uruguay, Acta F)
R.J. Butcher (USA, IUCrData)
B.J. Campbell (USA, Acta A)
R. Cerny (Switzerland, Acta B)
Y. Chen (Sweden, Acta F)
D. Chopra (India, Acta E)
E. Chrysina (Greece, Acta D)
G. Cingolani (USA, Acta D)
S. Coles (UK, IUCrData)
R.I. Cooper (UK, Acta C)
M. Czjzek (France, Acta D)
F. Damay (France, Acta B)
L. Dawe (Canada, JAC)
M.L.A.N. De Las Penas (Philippines, Acta A)
J.M. Delgado (Venezuela, Acta E)
F. Di Salvo (Argentina, Acta E)
R. Diniz (Brazil, Acta C)
S. Disch (Germany, JAC)
K. Djinovic-Carugo (France, Acta D)
K.V. Domasevitch (Ukraine, Acta E)
P.M. Dominiak (Poland, Acta A)
M. Du (People's Republic of China, Acta B)
P. Dunten (USA, Acta F)
M. Dusek (Czechia, Acta B)
K. Dziubek (Austria, Acta B)
M. Eddaoudi (Saudi Arabia, IUCrJ)
J. Ellena (Brazil, Acta E)
G. Ferrence (USA, Acta E)
A. Fitch (France, IUCrJ)
F. Furlan Ferreira (Brazil, Acta E)
J. M. Garcia-Ruiz (Spain, JAC)
E.F. Garman (UK, Acta D)
M. Gemmi (Italy, IUCrJ)
E. Gilbert (Australia, JAC)
T.E. Gorelik (Germany, Acta A)
D. Gratias (France, IUCrJ)
D. Gray (USA, Acta E)
R. Grinter (Australia, Acta D)
J. Gruenert (Germany, JSR)
R. Guinebretiere (France, JAC)
M. Guizar-Sicairos (Switzerland, JSR)
J. Hadermann (Belgium, Acta B)
X. Hao (People's Republic of China, Acta E)
J.K. Harper (USA, JAC)
V.R. Hathwar (India, JAC)
D. Haynes (South Africa, IUCrJ)
J.R. Helliwell (UK, IUCrData)
M.A. Hough (UK, Acta F)
C. Hua (Australia, Acta C)
J. Ilavsky (USA, JAC)
R. Ingle (UK, JSR)
T. Ishikawa (Japan, IUCrJ)
V. Jancik (Mexico, Acta E)
K.M.O. Jensen (Denmark, Acta A)

G. Joyce (USA, Acta F)
K. Jurkiewicz (Poland, JAC)
G. Kamel (Jordan, JSR)
J. Keckes (Austria, JAC)
S. Kelley (USA, Acta E)
S.D. Kelly (USA, JSR)
K.K. Kim (Korea, Acta F)
K. Knope (USA, Acta B)
B. Kobe (Australia, Acta D)
W. Kuhlbrandt (Germany, IUCrJ)
G. Kurisu (Japan, Acta D)
T. J. Lane (Germany, JAC)
A. Lemmerer (South Africa, Acta C)
W. Lewis (Australia, Acta C)
D. Liebschner (USA, Acta F)
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J. Lipkowski (Poland, Acta B)
A.H. Liu (People's Republic of China, JAC)
Z.-J. Liu (People's Republic of China, IUCrJ)
P. Macchi (Switzerland, Acta B)
A. Madsen (Germany, JSR)
M. Maher (Australia, IUCrJ)
F. Maia (Sweden, IUCrJ)
A. Mancuso (UK, JAC)
D. Manke (USA, Acta E)
I. Margiolaki (Greece, Acta A)
A. Martin Pendas (Spain, IUCrJ)
A. McCarthy (France, IUCrJ)
R. McKenna (USA, Acta D)
F. Meneau (Brazil, JAC)
L. Meshi (Israel, IUCrJ)
F. Meurer (Germany, Acta E)
W. Minor (USA, IUCrJ)
S. Moggach (Australia, Acta C, JAC)
A. Momose (Japan, JSR)
S. Muench (UK, Acta F)
P. Munshi (India, JAC)
D. Myles (USA, Acta D)
A. Nakagawa (Japan, Acta F)
R.B. Neder (Germany, Acta B)
P.D. Nellist (UK, IUCrJ)
M. Nespolo (France, Acta A, B, C, D, E, F, IUCrData, IUCrJ, JAC, JSR)
T. Ohhara (Japan, Acta C)
A.G. Oliver (USA, Acta C)
I. Oswald (UK, Acta C)
Y. Ozawa (Japan, Acta E)
K. Page (USA, JAC)
L. Palatinus (Czechia, Acta A)
F.A. Almeida Paz (Portugal, Acta C)
V. Peterson (Australia, IUCrJ)
M. Piepenbring (Germany, Acta B)
E. Ploenjes (Germany, JSR)
G.G. Prive (Canada, Acta F)
Th. Proffen (USA, JAC)
S. Raunser (Germany, IUCrJ)
J. Reibenspies (USA, Acta C, Acta E)
E. Reinheimer (USA, Acta C)
M. Retegan (France, JSR)
I. Robinson (UK, IUCrJ)
J. Rodriguez (USA, IUCrJ)
M. Romao (Portugal, Acta F)
M. Rosales-Hoz (Mexico, Acta C)
M. Rudolph (Switzerland, Acta D)
R. Sankaranarayanan (India, Acta F)
T.J. Sato (Japan, JAC)
C. Schulzke (Germany, Acta E)
S. Sheriff (USA, Acta F)
L.J.W. Shimon (Israel, Acta F)

A. Singer (USA, Acta A)
J. Smith (USA, IUCrJ)
C. Song (Korea, JSR)
Z. Song (People's Republic of China, Acta C)
C.O. Sorzano (Spain, Acta D)
R.L. Stanfield (USA, Acta F)
R. Steiner (UK, IUCrJ)
A. Stevenson (Australia, JSR)
N. Strater (Germany, Acta F)
C.-Y. Su (People's Republic of China, IUCrJ)
L. Suescun (Uruguay, Acta E)
J. Sun (People's Republic of China, IUCrJ)
M. Takata (Japan, IUCrJ)
B. Therrien (Switzerland, Acta E)
A. Thorn (Germany, IUCrJ)
H. Tolentino (Brazil, JSR)
F.T. Tsai (USA, Acta F)
D.R. Turner (Australia, Acta C)
I.A. Vartaniants (Germany, Acta A)
K.R. Vinothkumar (India, Acta D)
M. Vollmar (UK, Acta D)
S. Wakatsuki (USA, Acta D)
J. Wang (People's Republic of China, Acta D)
X. Wang (USA, Acta C)
M. Weil (Austria, Acta E)
G. Williams (USA, IUCrJ)
I. Williams (Hong Kong, Acta C)
P.R. Willmott (Switzerland, Acta A)
Z. Wu (People's Republic of China, JSR)
H. Xu (Sweden, Acta D)
O.V. Yakubovich (Russia, Acta B)
M. Yamamoto (Japan, JSR)
G.P.A. Yap (USA, Acta C)
M. Yousufuddin (USA, Acta C)
M. Zeller (USA, IUCrData)
X. Zhang (People's Republic of China, IUCrJ)
S.-L. Zheng (USA, Acta E)
D. Zhu (USA, JSR)

Commission on International Tables

Chair:	C.P. Brock (USA)
Editor of Volume A:	M.I. Aroyo (Spain)
Editor of Volume A1:	-
Editors of Volume B:	-
Editor of Volume C:	-
Editor of Volume D:	-
Editor of Volume E:	G. Madariaga (Spain)
Editors of Volume F:	E. Arnold (USA)
	L. Tong (USA)
Editors of Volume G:	B. McMahon (UK)
	J. Hester (Australia)
Editor of Volume H:	J.A. Kaduk (USA)
Editors of Volume I:	F. Boscherini (Italy)
	B. Bunker (USA)
	C.T. Chantler (Australia)

Commission on Aperiodic Crystals

Chair:	S. Schmid (Australia; 2017)
Elected members:	J. Dschemuchadse (USA; 2023)
	E. Gaudry (France; 2023)
	M. Lang (USA; 2023)
	T. Leisegang (Germany; 2020)
	P. Pratim Jana (India; 2023)
	E.M. Schmidt (Germany; 2023)
	N. Takemori (Japan)

Commission on Biological Macromolecules

Chair:	W. Minor (USA; 2014)
Elected members:	A. Bashan (Israel; 2023)
	A. Buschiazzo (Uruguay; 2017)
	B.G. Guimarães (Brazil; 2023)
	J. Gulbis (Australia; 2020)
	G. Kurisu (Japan; 2020)
	J. Ng (USA; 2023)
	M. Nowotny (Poland; 2017)
	W.-D. Schubert (South Africa; 2017)
	J.L. Smith (USA; 2020)
	A. Stewart (UK; 2023)
	D. Tomchick (USA; 2017)
	A. Vrielink (Australia; 2017)
	A. Wlodawer (USA; 2023)
Ex officio member:	S. Burley (USA) (as Director of the PDB)

Commission on Crystal Growth and Characterization of Materials

Chair:	G. Balakrishnan (UK; 2020)
Elected members:	C. Guguschev (Germany; 2023)
	M. Leszczyński (Poland; 2020)
	G.E. Narda (Argentina; 2020)
	S. Pan (China; 2023)
	J. Redwing (USA; 2020)
	G. Sazaki (Japan; 2023)
	A. Vecchione (Italy; 2020)
	S. Veesler (France; 2017)
Ex officio members	E. Vlieg (The Netherlands) (as Representative of International Organization of Crystal Growth)
	J.M. Garcia-Ruiz (Spain) (as an Editor of *Journal of Applied Crystallography*)
	T. Bekker (Russia)(as an Editor of Acta B)

Commission on Crystallographic Computing

Chair:	S. Panjikar (Australia; 2014)
Elected members:	P.D. Boyle (Canada; 2020)
	R. Giordano (France; 2017)
	B. Gopal (India; 2017)
	A. Thorn (Germany; 2017)
	E.M. Schmidt (Germany; 2023)
	D. Siliqi (Italy; 2023)
	B.H. Toby (USA; 2023)
	Y. Yamada (Japan; 2023)

Ad Interim Commission on Crystallography of Materials

Chair:	A. Dommann (Switzerland; 2023)
Members:	J. Breternitz (Germany; 2023)
	Y. Filinchuk (Ukraine/Belgium; 2020)
	F. Gandara (Spain; 2023)
	A. Goncharov (USA)
	H. Hosono (Japan; 2020)
	H. Liu (China)
	H. Maynard-Casely (Australia)
	S. Pan (China; 2020)
	A. Shevelkov (Russia)
	W. Wong Ng (USA)
	N. Zhang (China)
	X. Zou (Sweden)

This ad interim committee was formed after the Twenty-Sixth General Assembly in Melbourne at the approval of the Executive Committee.

Commission on Crystallographic Nomenclature

Chair:	C.P. Brock (USA)
	A.M. Glazer (UK) (consultant)
	M. Nespolo (France) (consultant)
	A.J. Allen (USA) (as Editor-in-Chief of IUCr journals)
	J. Agirre (UK, as a Section Editor of Acta Cryst. Section F)
	A. Altomare (Italy, as a Section Editor of Acta Cryst. Section A)
	D.N. Argyriou (USA, as a Main Editor of IUCrJ)
	D. Bhattacharyya (India, as a Main Editor of JSR)
	S.J.L. Billinge (USA, as a Section Editor of Acta Cryst. Section A)
	C.S. Bond (Australia, as a Section Editor of Acta Cryst. Section D)
	R. Catlow (UK, as a Main Editor of IUCrJ)
	H.N. Chapman (Germany, as a Main Editor of IUCrJ)
	L. Dawe (Canada, as a Section Editor of Acta Cryst. Section B)
	G.C. Diaz de Delgado (Venezuela, as a Section Editor of Acta Cryst. Section E)
	R.C. Garratt (Brazil, as a Main Editor of IUCrJ)
	J. Hajdu (Sweden, as a Main Editor of JAC)
	W.T.A. Harrison (UK, as a Section Editor of Acta Cryst. Section E and as a Main Editor of IUCrData)
	A. Katrusiak (Poland, as a Section Editor of Acta Cryst. Section B)
	A.R. Kennedy (UK, as a Section Editor of Acta Cryst. Section C)
	L.M.J. Kroon-Batenburg (The Netherlands, as a Main Editor of IUCrData)
	K. Kvashnina (Germany, as a Main Editor of JSR)
	L.R. MacGillivray (USA, as a Main Editor of IUCrJ)
	C. Massera (Italy, as a Section Editor of Acta Cryst. Section E)
	G.J. McIntyre (Australia, as a Main Editor of JAC)
	F. Meilleur (USA, as a Main Editor of JAC)
	A. Nangia (India, as a Section Editor of Acta Cryst. Section B)
	C. Nonato (Brazil, as a Section Editor of Acta Cryst. Section F)
	R.J. Read (UK, as a Section Editor of Acta Cryst. Section D)
	A. Sarjeant (USA, as a Section Editor of Acta Cryst. Section C)
	S. Subramaniam (Canada, as a Main Editor of IUCrJ)
	E.R.T. Tiekink (Spain, as a Main Editor of IUCrData)
	L. Van Meervelt (Belgium, as a Section Editor of Acta Cryst. Section E and as a Main Editor of IUCrData)
	M. Weil (Austria, as a Main Editor of IUCrData)
	J. White (Australia, as a Section Editor of Acta Cryst. Section C)
	M. Yabashi (Japan, as a Main Editor of JSR)
	X. Zou (Sweden, as a Main Editor of IUCrJ)
	E.V. Boldyreva (Russia) (as Commissioning Editor for Acta Cryst. Section B)
	R. Ingle (UK, as Commissioning Editor for JSR)
	K.M.O. Jensen (Denmark, as Commissioning Editor for Acta Cryst. Section A)
	C.O. Sorzano (Spain, as Commissioning Editor for Acta Cryst. Section D)
	M.J. van Raaij (Spain, as Commissioning Editor for Acta Cryst. Section F)
	M. Yousufuddin (USA, as Commissioning Editor for Acta Cryst. Section C)
	M.I. Aroyo (Spain) (as Editor of Volume A of International Tables)
	G. Chapuis (Switzerland) (as Editor-in-Chief of the Online Dictionary of Crystallography)
	G. Madariaga (Spain) (as Editor of Volume E of International Tables)
	E. Arnold (USA) (as an Editor of Volume F of International Tables)
	L. Tong (USA) (as an Editor of Volume F of International Tables)
	B. McMahon (as an Editor of Volume G of International Tables)
	J. Hester (Australia) (as an Editor of Volume G of International Tables and as Chair of COMCIFS)
	J.A. Kaduk (USA) (as Editor of Volume H of International Tables and as a Section Editor of Acta Cryst. Section E)
	F. Boscherini (Italy) (as an Editor of Volume I of International Tables)
	B. Bunker (USA) (as an Editor of Volume I of International Tables)
	C.T. Chantler (Australia) (as an Editor of Volume I of International Tables)
	J. Gulbis (Switzerland) (as Chair of IUCr/OUP Book Series Committee)
	A. Guerri (Italy) (as Chair of Commission on Crystallographic Teaching)

Commission on Crystallographic Teaching

Chair:	A. Guerri (Italy; 2017)
Elected members:	J. Britten (Canada; 2023)
	C. Esterhuysen (South Africa; 2020)
	R. Kant (India; 2023)

N. LaRonde (USA; 2023)
D. Lamas (Argentina; 2017)
S. Lopez-Andres (Spain; 2017)
E. Nango (Japan; 2023)
L. Peters (Germany; 2023)

Commission on Crystallography in Art and Cultural Heritage

Chair:	K. Janssens (Belgium; 2017)
Elected members:	S. Bette (Germany; 2020)
	J. Bevitt (Australia; 2023)
	M. Cotte (France; 2023)
	M. Delgado (Venezuela; 2017)
	T. Kamiyama (Japan; 2020)
	P.C. Ravines (USA; 2017)
	S. Svarcova (Czech Republic; 2020)

Commission on Diffraction Microstructure Imaging

Chair:	D. Pagan (USA; 2020)
Elected members:	A. Bucsek (USA; 2020)
	M. Kobayashsi (Japan; 2020)
	E. Lauridsen (Denmark; 2020)
	U. Lienert (Germany; 2020)
	S. Merkel (France; 2020)
	R. Pokhrel (USA; 2020)
	H.F. Poulsen (Denmark; 2020)
	L. Wang (China; 2020)

Commission on Electron Crystallography

Chair:	M. Gemmi (Italy; 2020)
Elected members:	L. Bourgeois (Australia; 2017)
	F.G. Coury (Brazil; 2023)
	T. Gorelick (Germany; 2017)
	D. Jacob (France; 2017)
	P. Moeck (USA; 2017)
	A. Stewart (Ireland; 2020)
	J. Sun (China; 2020)
	H. Young (Canada; 2017)
	M. Zubko (Poland; 2020)

Commission on High Pressure

Chair:	K.F. Dziubek (Italy; 2017)
Elected members:	A. Dewaele (France; 2023)
	N. Dubrovinskaia (Germany; 2017)
	N. Garg (India; 2017)
	K. Komatsu (Japan; 2020)
	A. Lazicki (USA; 2020)
	S. Moggach (Australia; 2017)
	N.M. Souza-Neto* (Brazil; 2017)
	T. Strobel (USA; 2023)
	W. Yang (China; 2020)
	B. Zakharov (Russia; 2017)

Commission on Inorganic and Mineral Structures

Chair:	C. Ling (Australia; 2020)
Elected members:	M. Colmont (France; 2017)
	A. Gagor (Poland; 2020)
	J. Hughes (USA; 2023)
	E.E. McCabe (UK; 2020)
	M. Nespolo (France; 2017)
	K. Sugiyama (Japan; 2020)
	S. Tarantino (Italy; 2020)
	N. Zubkova (Russia; 2017)

Commission on Magnetic Structures

Chair:	J.M. Perez-Mato (Spain; 2014)
Elected members:	G. Aurelio (Argentina; 2020)
	M. Avdeev (Australia; 2017)
	F. Damay (France; 2020)
	M.T. Fernandez-Diaz (France; 2017)
	O. Garlea (USA; 2017)
	M. Henriques (Czech Republic; 2017)
	D. Khalyavin (UK; 2020)
	S. Lee (Korea; 2023)
	V. Pomjakushin (Switzerland; 2023)
	N. Terada (Japan; 2020)
	O. Zaharko (Switzerland; 2020)

Commission on Mathematical and Theoretical Crystallography

Interim Co-Chairs:	G. McColm (USA; 2014)
Elected members:	V.A. Blatov (Russia; 2017)
	V. Kurlin (UK; 2023)
	K. Momma (Japan; 2023)
	G. De La Flor Martin (France; 2023)
	M. Nespolo (France; 2020)
	D. Pradhan (India; 2023)
	Wei Ren (China; 2017)
	B. Stöger (Austria; 2020)

Commission on Neutron Scattering

Chair:	T. Ishigaki (Japan; 2014)
Elected members:	C. Alba-Simoniesco (France; 2017)
	C. Hoffmann (USA; 2020)
	D. Marquardt (Canada; 2023)
	M. Meven (Germany; 2017)
	V. Peterson (Australia; 2017)
	P. Miao (China)
	J. Santisteban (Argentina; 2020)
	H. Smith (USA; 2023)

Commission on NMR Crystallography and Related Methods

Interim Chair:	Y. Khimyak (UK; 2020)
Elected members:	S. Brown (UK; 2020)
	A. Commoti (Italy; 2020)
	M. Dudek (Poland; 2023)
	J. Harper (USA; 2023)
	M. Leskes (Israel; 2020)
	Y. Nishiyama (Japan; 2020)
	P.K. Madhu (India; 2023)
	J. Senker (Germany; 2017)

Commission on Powder Diffraction

Chair:	A. Wilkinson (USA; 2017)
Elected members:	I. Evans (UK; 2017)
	F. Furlan-Ferreira (Brazil; 2020)
	D. Kovacheva (Bulgaria; 2017)
	M. Leoni (Italy/Saudi Arabia; 2020)
	C. Lind-Kovacs (USA; 2020)
	C. Moriyoshi (Japan; 2023)
	A. Neels (Switzerland; 2020)
	N. Sharma (Australia; 2020)

Commission on Quantum Crystallography

Chair:	P. Dominiak (Poland; 2014)
Elected members:	L. Bucinsky (Slovakia; 2023)
	H. Cao (USA; 2023)

J. Contreras-Garcia (France; 2020)
S. Grabowsky (Switzerland; 2023)
P. Nakashima (Australia; 2023)
L. Massa (USA; 2023)
C. Matta* (Canada; 2017)
P. Munshi (India; 2020)
A. Pendas (Spain; 2020)

Ex officio member: T. Ishigaki (Japan) (as representative from Commission on Neutron Scattering)

Commission on Small-Angle Scattering

Chair: J. Ilavsky (USA; 2017)
Elected members: G. Ashish (India; 2023)
E. Gilbert (Australia; 2017)
G. Hura (USA; 2023)
J. Houston (Sweden; 2023)
F. Meneau (Brazil; 2020)
M. Takenaka (Japan; 2023)

Commission on Structural Chemistry

Chair: J. Ellena (Brazil; 2014)
Elected members: A. Bialonska (Poland; 2023)
A. Briceno (Venezuela; 2023)
S.A. Bourne (South Africa; 2017)
M. Dakovic (Croatia; 2020)
A.J. Edwards (Australia; 2017)
I. Guzei (USA; 2023)
M. Kawano (Japan; 2023)
L.R. MacGillivray (USA; 2017)
A. Maloney (UK; 2020)
P. Naumov (UAE; 2020)

Commission on Synchrotron and XFEL Radiation

Chair: E. Granado (Brazil; 2014)
Elected members: S-I. Adachi (Japan; 2020)
A. Cohen (USA; 2020)
R. Feidenhans'l (Germany; 2023)
T. Hatsui (Japan; 2017)
L. Keefe (USA; 2020)
M. Kozak (Poland; 2017)
E. du Plessis (South Africa; 2020)
S. Ramaswamy (India; 2017)
N. Zatsepin (Australia; 2023)

Commission on XAFS

Chair: S. Diaz-Moreno (UK; 2014)
Elected members: H. Abe (Japan; 2020)
D. Bhattacharyya (India; 2017)
V. Briois (France; 2017)
R. Loredo Portales (Mexico; 2020)
E. Stavitski (USA; 2023)
G. Subia-Peruga (Spain; 2020)
C.Q. Tran (Australia; 2020)
E. Welter (Germany; 2020)
A. Wolska (Poland; 2020)

34.2 Representatives of the Union on bodies not belonging to the Union

Statute 8.5 prescribes that representatives of the Union on bodies not belonging to the Union are elected at each General Assembly, and that for each body one representative shall be designated as the chief representative. By-Law 8.9 states that the procedure for nomination and election of the representatives is so far as is possible the same as that for the Commission memberships.

The bodies involved are as follows, together with the **present** representatives:

African Crystallographic Association (AfCA) ***(REGIONAL ASSOCIATE)***

Representative: S. Bourne (South Africa)

American Crystallographic Association (ACA) ***(REGIONAL ASSOCIATE)***

Representative: T. Proffen (USA)

Asian Crystallographic Association (AsCA) ***(REGIONAL ASSOCIATE)***

Representative: A. Nakagawa (Japan)

European Crystallographic Association (ECA) ***(REGIONAL ASSOCIATE)***

Representative: A. Altomare (Italy)

Latin-American Crystallographic Association (LACA) ***(REGIONAL ASSOCIATE)***

Representative: M. C. Nonato (Brazil)

Worldwide Protein Data Bank (wwPDB)

Representative: J. Martin (Australia)

International Centre for Diffraction Data (ICDD) ***(SCIENTIFIC ASSOCIATE)***

Representative: A. Wilkinson (USA) (*ex officio* as Chair of Commission on Powder Diffraction)

International Organization of Crystal Growth (IOCG) ***(SCIENTIFIC ASSOCIATE)***

Representative: G. Balakrishnan (UK) (*ex officio* as Chair of Commission on Crystal Growth and Characterization of Materials)

Interdivisional Committee on Terminology, Nomenclature and Symbols of the International Union of Pure and Applied Chemistry (IUPAC ICTNS)

Representative: C.P. Brock (USA)

International Science Council (ISC)

Representative: H. Dabkowska (Canada)

ISC Committee on Data for Science and Technology (CODATA)

Representative: K. F. Dziubek (Austria)

ISC Committee on Space Research (COSPAR)

Representative: Y. Kimura (Japan)

International Standards Organization (ISO)

Representative: C.P. Brock (USA)

34.3 Officers of the Union

The **present** membership of the Executive Committee (constituting the officers of the Union) is:

President:	S. Garcia-Granda (Spain)	*(1) (2)*
Vice-President:	G. C. Diaz de Delgado (Venezuela)	*(1) (2)*
General Secretary and Treasurer:	V. T. Forsyth (Sweden)	*(1)*
Immediate Past President:	H.A. Dabkowska (Canada)	*(1) (2)*
Ordinary members:	A. Altomare (Italy)	*(1) (2)*
	S. Bourne (South Africa)	*(3)*
	M. C. Nonato (Brazil)	*(3)*
	A. Nakagawa (Japan)	*(3)*

T. Proffen (USA)	*(1)(2)*
M.S. Weiss (Germany)	*(1)(2)*

In addition, the Convenor of the Finance Committee (M.J. Cooper, UK) is *ex officio* a member of the Executive Committee (By-Law 6.1).

The members of the Executive Committee who will continue are, therefore:

Immediate Past President:	S. Garcia-Granda (Spain)
Ordinary members:	S. Bourne (South Africa) M. C. Nonato (Brazil) A. Nakagawa (Japan)

Nominations presented by the Executive Committee for Officers of the Union

The Executive Committee met in Poznan, Poland, 25-26 August 2025. At the meetings all nominations for officers and members of the Executive Committee proposed by the National Committees of member countries were considered. The Committee agreed to put forward all the candidates proposed for each of the offices of President, Vice-President and General Secretary and Treasurer and it was further agreed that the eight candidates put forward by National Committees should be presented for Executive Committee membership for the three six-year vacancies. The nominations made by the Executive Committee are as follows:

President:	G. Kurisu (Japan)	*(3)*
	T. Proffen (USA)	*(3)*
Vice-President:	M. Weiss (Germany)	*(3)*
General Secretary and Treasurer:	P. A. Bombicz (Hungary)	*(3)*
	J. Ferrara (USA/Germany)	*(3)*
Ordinary members (six-year term):	P. A. Bombicz (Hungary)	*(4)*
	C. Bond (Australia)	*(4)*
	L. Dawe (Canada)	*(4)*
	S. Diaz-Moreno (UK)	*(4)*
	A. Guerri (Italy)	*(4)*
	U. Kolb (Germany)	*(4)*
	K. Kyu Kim (South Korea)	*(4)*
	I. Radosavljević Evans (UK)	*(4)*

(1) *until the close of the Twenty-Seventh General Assembly*
(2) *not eligible for immediate re-election to the same office*
(3) *until the close of the Twenty-Eighth General Assembly*
(4) *until the close of the Twenty-Ninth General Assembly*

Additional nominations for Officers of the Union

If any group of National Committees wishes to make **additional** nominations, could they please send these to the Chief Executive Officer (ceo@iucr.org) at least **one month before** the General Assembly, supported by curricula vitae (including nominees' reasons for standing) and the names of at least six delegates supporting the nominations (see By-Law 8.2). If the names of the delegates are not decided at that time, this group of National Committees should provide the Chief Executive Officer with the names of the delegates as soon as they have been appointed (not later than three weeks before the date of the General Assembly). The Chief Executive Officer will circulate details of any additional nominations (including curricula vitae and nominees' reasons for standing) to the National Committees two weeks before the General Assembly.

According to By-Laws 8.2 and 8.4 additional nominations may still be made by delegates in Calgary but it is hoped that the above procedure will make this unlikely.

Brief biographical details of all candidates nominated to serve on the Executive Committee are given below.

Genji KURISU, Osaka University, 3-2 Yamadaoka, Suita, Osaka 565-0871, Japan

Nationality: Japanese

Qualifications: Genji Kurisu received his Ph.D. from Osaka University in 1997 under the supervision of the late Professor Yasushi Kai and Professor Nobutami Kasai, the second President of the Asian Crystallographic Association (AsCA). His area of

expertise is protein crystallography. Upon completing his doctorate, he began his academic career at the Institute for Protein Research (IPR), Osaka University. He subsequently spent two years at Purdue University, conducting research under Professors Janet L. Smith and William A. Cramer. Following this period, he joined the University of Tokyo, where he worked for five years before returning to Osaka University in 2009 as a full professor at IPR. Since 2017, he has served as Head of the Protein Data Bank Japan at IPR and currently holds the position of Director of the institute. He has authored or co-authored over 150 scientific publications spanning crystallography, structural biology, chemistry, databases, photosynthesis, and molecular motors. According to Google Scholar, his work has received 9,471 citations, with an H-index of 497. Professor Kurisu's distinctions include the Young Crystallographer Award from the Crystallographic Society of Japan (CrSJ) in 2001, the CrSJ Award in 2016, the Osaka Science Prize from Osaka Prefecture in 2019, the Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology in 2020, and the JB Best Reviewer Award from the Japanese Biochemical Society in 2022. He has served as President of the Asian Crystallographic Association (AsCA) since 2023.

Recent appointments held:

IUCr

- Commission member of the Biological Macromolecules (2021-present)
- Consultant of the Commission member of the Biological Macromolecules (2019-2021)
- Commission member of the Gender Equality and Diversity Commission (2019-2021)
- Member of the Committee on Data (2019-present)
- Co-editor of Acta Crystallographica Sec D. (2016-present)
- Local Organizing Committee of IUCr2008 (2008)

AsCA

- President (2022-present)
- Vice-President (2019-2022)
- Council member (2012-2019)

CrSJ

- Secretary General (2014-2015)
- Editor-in-chief of CrSJ Journal (2012-13)
- Council member (2006-2012, 2014-2020, 2022-present)

Others

- Councillor of the Photosynthesis Society of Japan (2023-present)
- Member of Scientific Advisory Committee on SPring-8 (2023)
- Councillor of Institute of Materials Structure Science, KEK (2022-present)
- Vice-President of the Protein Science Society of Japan (2024-present)
- Councillor of the Biophysical Society of Japan (2015-2018, 2023-present)
- Councillor of the Protein Science Society of Japan (2007-2011, 2013-2017, 2019-2023)

Fields of research: Dr. Kurisu currently leads two independent yet interconnected laboratories at the Institute for Protein Research, Osaka University. One is the Protein Crystallography Laboratory, where he conducts structural studies on photosynthetic membrane protein complexes and related redox enzymes, cytoskeletal dynein motors, and metalloenzymes such as [FeFe]-hydrogenase. His research also involves the development of techniques and methodologies for microcrystal electron diffraction (MicroED). Early in his scientific career, Dr. Kurisu focused on weakly associated electron transfer complexes involving assimilation-type redox enzymes. He successfully determined the structure of the electron transfer complex between plant-type ferredoxin and ferredoxin-$NADP^+$ reductase. This achievement marked the first structural elucidation of a photosynthetic electron transfer complex and was featured as the cover illustration of the February 2001 issue of Nature Structural Biology. In 2003, he solved the structure of the cytochrome b_6f complex, a major membrane protein of oxygenic photosynthesis, which had remained structurally unresolved until that time. Since then, he has deposited over 1540 protein structures in the Protein Data Bank (PDB). Since 2017, Dr. Kurisu has also been leading Protein Data Bank Japan (PDBj). PDBj is a founding member of the worldwide Protein Data Bank (wwPDB) and maintains a single global archive of structural data as part of the wwPDB partnership. Even before the establishment of PDBj, in 1999, Dr. Kurisu visited Brookhaven National Laboratory to learn the curation process for PDB entries. After returning to Osaka University, he contributed to the wwPDB Advisory Committee as a representative of the PDBj Advisory Committee. Appointed as the second director of PDBj in 2017, he has been actively developing and managing PDBj as an Asian hub for 3D structural data. He has also supported the launch of Protein Data Bank China (PDBc) in Shanghai as a regional data center under the wwPDB framework.

Personal statement: Our crystallographic community is rapidly expanding, bringing together many related disciplines and serving as a central pillar of structural science. Crystallography has been my academic home since the early stages of my career, beginning with AsCA1992 in Singapore and IUCr1993 in Beijing. I view the IUCr as a uniquely interdisciplinary society that integrates chemistry, physics, biology, and information science. It has produced numerous Nobel laureates and continues to lead diverse research areas. It has also served as a cradle for major international data resources such as the Protein Data Bank (PDB) and the Cambridge Structural Database (CSD), while supporting highly specialized research enabled by large-scale infrastructures, including synchrotron radiation sources, neutron facilities, cryo-EM, and solid-state NMR. In recent years, the crystallographic research landscape has changed significantly. Crystallography in the narrow sense has become highly

automated, and many younger scientists may not fully recognize that they are applying crystallographic principles as part of structural science. In this evolving environment, I strongly believe that the IUCr remains essential as a global hub supporting structural science. Although I may not yet have all the experience required to bear the full responsibility of IUCr President, I would be honoured to serve if elected to ensure that crystallographers, in both the narrow and broader senses, continue to have opportunities to present and discuss cutting-edge research, even as the field evolves rapidly. At the same time, I would strengthen interactions within and among old or new regional associations supported by the IUCr, while maintaining global trust in structural science. It would be a privilege to serve the community that has supported me throughout my career.

Thomas PROFFEN, Oak Ridge National Laboratory, 1 Bethel Valley Road, Oak Ridge, TN 37830, United States

Nationality: German and American

Qualifications:
Distinguished scientist at Oak Ridge National Laboratory, Oak Ridge, United States. PhD in Crystallography from Ludwig Maximilians Universität, Munich, Germany with Friedrich Frey (1995), Postdoc with Richard Welberry at the Australian National University, Canberra, Australia (1995-1998), Postdoc with Simon Billinge at Michigan State University, East Lansing, MI, United States (1998-2001) and staff member at the Lujan Neutron Scattering Center at Los Alamos National Laboratory, Los Alamos, NM, United States (2001 – 2011) before moving to Oak Ridge. Total Publications: 200, total citations: >11,000 and an H-index of 56 (all Scopus), reflecting my high-impact contributions across crystallography, materials science, and data analysis. Leadership: Fellow of the American Crystallographic Association (ACA), the American Association for the Advancement of Science (AAAS), and the Neutron Scattering Society of America, demonstrating peer-recognized stature across disciplines. Mentoring and outreach: Recipient of multiple awards for leadership and outreach, including the Los Alamos National Laboratory Women's Career Development Outstanding Mentoring Award (2006), UT-Battelle Awards Night - Community Outreach (2014) and the Tennessee Governor's Volunteer Star Award for founding Oak Ridge Computer Science Girls, which promotes STEM education among underrepresented youth (2018) Organized over 30 workshops on total scattering, mentored more than 80 students and postdocs, and contributed significantly to training and education through tools, publications, and outreach initiatives. Editorial and Publishing Expertise: Co-Editor for the Journal of Applied Crystallography (since 2011) and Commissioning Editor for IUCr Journals (2020-2023). Long-standing service in IUCr commissions and leadership roles demonstrates a consistent commitment to advancing international cooperation, method standardization, and the development of crystallographic science globally. Fields of research: Broad area of science contributions connected by diffuse scattering, pair distribution function and disordered materials modelling approaches. More recently expanding to the use of AI. Development of scientific software such as DISCUS and PDFFIT/PDFGUI.

Recent appointments held:
Member, Executive Committee of the IUCr (since 2021)
Commissioning Editor, IUCr Journals (since 2020)
Member, Council of the American Crystallographic Association (ex officio)
Distinguished R&D Staff, Oak Ridge National Laboratory (since 2019)
Member, Commission on Neutron Scattering (2015-2021)
Member, Commission on Crystallographic Computing (2017-2021)
Member, International Program Committee for the 25th IUCr Congress
Member, Mantid Project Management Board
Co-chair, Research Data Alliance Interest Group on Photon and Neutron Science
Member, multiple national and international instrument advisory committees

Personal statement:
Crystallography — and more importantly, being part of the crystallographic community — has been at the heart of my scientific journey, shaped by connections forged across Germany, Australia, and the United States. Much of my work has focused on communicating the importance of crystallography, supporting outreach, attracting the next generation of scientists, and building a vibrant, diverse global community. Crystallographic conferences, local and international, are where I feel most at home. At the same time, our field faces real challenges: crystallography's broader importance remains underrecognized, the evolving publishing landscape creates financial uncertainty, and open scientific collaboration across the world is increasingly under threat. My experience serving on the Executive Committee and with IUCr Journals has given me a deeper understanding of these pressures, as well as the meaningful steps already taken to address them — including the formation of the IUCr Early Career Scientists Division. I am confident that my global perspective, long-standing involvement in the crystallographic community, and six years of experience on the Executive Committee have prepared me well for this role. It is a great honour to be considered as the next President of the IUCr, and I am ready to serve our community - crystallographers and structural scientists around the world.

Manfred WEISS, Macromolecular Crystallography, Helmholtz-Zentrum Berlin, Hahn-Meitner-Platz 1, 14109 Berlin,

Germany

Nationality: German

Qualifications: Diploma in Chemistry (1989)
Dr. rer. nat. in Chemistry/Biochemistry (1992). Topic "The structure of porin from Rhodobacter capsulatus in different crystal forms"

Recent appointments held:
Postdoctoral position at the University of California at Los Angeles, CA, USA (11/1992-03/1996).

Senior Research Assistant at the Institute of Molecular Biotechnology (now: Leibniz Institute for Age Research - Fritz Lipmann Institute), Jena, Germany (04/1996-09/2001).
Team Leader at the EMBL Outstation Hamburg, Germany (10/2001-10/2009). Acting Head of EMBL Hamburg Computer Group (03/2008-01/2009).

Senior Scientist and Joint Group Leader of the HZB-MX group at the Helmholtz-Zentrum Berlin für Materialien und Energie, Berlin, Germany (11/2009-12/2015). Project Leader for the HZB-MX S1-BioLab (04/2011-03/2017).

Group Leader of the HZB-MX group at the Helmholtz-Zentrum Berlin für Materialien und Energie, Berlin, Germany (01/2016-present).

Fields of research: Macromolecular Crystallography, Synchrotron Radiation, Data Quality, Crystallographic fragment-screening, enzymatic plastic degradation.

Personal statement
For many years I have been actively involved in the crystallographic community and in the activities of the International Union of Crystallography (IUCr). Through my work in research, teaching, and community engagement, I have developed a strong appreciation for the IUCr as a unique international organization that connects scientists across disciplines and geographical boundaries. The IUCr plays a central role in advancing crystallography and structural science, and I am honored to present myself as a candidate for election.

My scientific background is in chemistry, and I was first introduced to and fell in love with crystallography when working towards my diploma thesis. Since then, crystallography and structural science have remained at the core of my interests and my research career. Over the years, I have developed extensive experience in macromolecular crystallography, diffraction techniques, synchrotron methods, computational structural analysis, contributing to both methodological developments and applications.

Currently, I am group leader of the macromolecular crystallography group at the Helmholtz-Zentrum Berlin, where I am responsible for the development and operation of three synchrotron beamlines for macromolecular crystallography at the BESSY II storage ring. My current research is focused on high-throughput crystallography for screening purposes and on the structural basis of enzymatic plastic degradation. Throughout my career, I have authored or co-authored almost 200 peer-reviewed publications (about 70 of them in IUCr journals) and I have contributed to the organization of scientific meetings, workshops, and training activities aimed at supporting researchers and students in crystallography and related disciplines.

In addition to my research activities, I have been committed to supporting the scientific community through various service roles, including editorial roles (Acta D and Acta F), society memberships (DGK, ECA, ACA, IUCr), commissions (CCT and CBM), committees (MSC), conference organization, teaching initiatives, etc. These experiences have allowed me to work closely with colleagues from diverse scientific backgrounds and have strengthened my understanding of the importance of international collaboration in advancing structural science.

The IUCr, as an overarching organization for crystallographers and structural scientists worldwide, is particularly close to my heart. Its mission to promote excellence in crystallography, encourage collaboration across disciplines, embrace inclusion and diversity, and support education and outreach is essential for the continued development and visibility of our field.

I am presenting myself as a candidate for vice president of the IUCr because I believe that in a time of rapid scientific and technological change as well as mounting pressure on scientific publishing operations, new ideas and approaches are needed to strengthen the IUCr's leadership and to further enhance the visibility and impact of crystallography across the broader scientific landscape. If entrusted with this role, I will work to support the IUCr's mission by fostering collaboration, promoting innovation, and encouraging engagement with emerging areas of science. I would be very much honored to contribute my

experience, energy, and commitment to helping the IUCr continue to serve and strengthen the global structural science community.

Petra BOMBICZ, Chemical Crystallography Research Laboratory, Centre for Structural Science, HUN-REN Research Centre for Natural Sciences. H-1117 Budapest, Magyar Tudósok körútja 2., Hungary

Nationality: Hungarian

Qualifications:
1987 BSc, 1989 MSc degree in chemical engineering, branch of organic synthesis, Technical University of Budapest
1993 „dr univ" in organosilicon chemistry; 1997 PhD supervised by Prof Alajos Kálmán in structural chemistry
2001 senior researcher; 2013 head of research group, Research Centre for Natural Sciences
Recent relevant appointments held:
IUCr: 2005-2011 Commission on Structural Chemistry of IUCr (CSC-IUCr), Member
2017- Commission on Structural Chemistry of IUCr (CSC-IUCr), Consultant
2011- World Directory of Crystallographers (IUCr WDC), Regional Editor for Europe
2013-2019 Acta Crystallographica Section E, and IUCr Data after the split, Co-editor
2017 International Programme Committee of IUCrXXIV Hyderabad, Member
ECA: 2004 Secretary of ECM22 held in Budapest, Hungary
2006-2012 European Crystallographic Association (ECA), Secretary
2018-2022 European Crystallographic Association (ECA), Auditor
2015- Councillor of Hungary to ECA
2018-2024 ECA SIG13, Special Interest Group on Molecular Structure and Chemical Properties, Chair
2021 6th European Crystallography School (ECS6), Chair
National: 1995- Hungarian National Committee of the International Union of Crystallography (IUCr), Secretary
2006- Association of Crystallisation and drug formulation of the Hungarian Chemical Society, Member of the EC
2013- Centre for Structural Science, HUN-REN Research Centre for Natural Sciences, Head of Research Group
2021-2027 Working Committee on Material and Molecular Structure of Hungarian Academy of Sciences, Chair
2022-2024 Member of the Scientific Advisory Board of HUN-REN Research Centre for Natural Sciences
Additional: 2006 1st European Chemistry Congress, Co-chair of the LOC
2018-present Crystallography Reviews, Editor-in-Chief

Field of research: Chemical crystallography, supramolecular chemistry, in particular crystal engineering and intermolecular interactions, polymorphism, crystallization; organic / organometallic / complex molecules, drugs, HOFs; single-crystal X-ray diffraction, structure – property relationship. The two most recent activities: identifying the deficiency of the definition of isostructurality, and single crystal growth in microgravity.

Personal statement: Throughout my research career, I have been involved in several ECA and IUCr-related activities. My research work encompasses fundamental approach like scrutinising a definition and applications in material science and pharmaceutical industry. I use laboratory equipment and visit large facilities from time to time. I was Co-editor of Acta Crystallographica Section E and IUC r Data, I am currently Main Editor of Crystallography Reviews. I have teaching experience in chemistry and crystallography. I have participated in every IUCr Congress and most General Assemblies since 1996. I have also attended most of the ECMs since that time, as well as two ACA and two AsCA meetings. I am a member of HuNatComm, the BCA, the ECA and the ACA. I have worked with colleagues from all Regional Associates. I was a member of the Commission on Structural Chemistry, where I am currently a consultant. I was Secretary of the ECA and then served as Auditor for 5 years. I have had scientific and financial responsibility for my research group since 2013. I have been the PI of a few research projects. Recently, I have been leading our laboratory's international space project, involving colleagues from three continents. These experiences on various fields have provided me with the background necessary to support my nomination for the position of General Secretary and Treasurer of the IUCr. Through my work, I would contribute to strengthening connections in and among the scientific communities of the Regional Associates, to fostering relationships to other sciences, and increasing the impact and visibility of crystallography in the global scientific landscape, making special emphasis on young scientists and developing countries. I am committed to diversity and equity in science, including gender balance. I would support the work of the Union in its wide range publishing programme, standardization activity, and the extensive educational and outreach activities. I would be pleased to take the opportunity to work together with the members of the EC and FC, and the professional staff in Chester. I am deeply honoured to be considered as a candidate for the GST position to be able to serve the community.

Joseph FERRARA, Rigaku, Hugenottenallee 167, 63263 Neu-Isenburg, Germany

Nationality: American

Qualifications:
• Ph.D., Chemistry, Case Western Reserve University, 1987; B.S., Chemistry, Case Institute of Technology, 1983;
• Fellow, American Crystallographic Association, 2023
• Anticipating the dissolution of the US National Committee for Crystallography, organized the formation of the American Union of Crystallography (AUC), a 501(c)(3) established to preserve continuity of US representation in the IUCr. Provided significant personal startup support and, as founding President, launched early AUC programs including the George M. Sheldrick Award and student travel support for the 2026 IUCr Congress.
• Serving as a voting member of the IUCr Finance Committee since 2025 and as ex officio non-voting Financial Advisor since 2022.
• Led the USNC/Cr in the successful effort to bring the 2026 IUCr Congress to Calgary, working in close partnership with the Canadian National Committee for Crystallography and the American Crystallographic Association; subsequently served as Chair of the Board of Managers of IUCr2026, LLC (2022-2024).
• Organized the Rigaku School for Practical Crystallography, which, since June of 2020, has provided crystallographic training to more than 5,000 unique students in 97 countries.

Recent appointments held:
Chief Science Officer, Life Science, Rigaku Americas and Rigaku Corporation (2026-present)
Chief Science Officer, Rigaku Americas (2006-2026)
Vice President, X-ray Research Laboratory, Rigaku Corporation (1999-2026)
Vice President, Product Marketing, Rigaku/MSC (1996-2006).
Manager, X-ray Diffraction Products, Molecular Structure Corporation (1991-1996)
Service Crystallographer, Molecular Structure Corporation, (1988-1991).
Principal Investigator, NIH R01EB028829, A Soft X-ray Phase-Based Microscope for Biomedical Applications (2020-2024).

Fields of research: small-molecule crystallography, macromolecular crystallography, small-angle X-ray scattering, total scattering, crystallographic instrumentation and software, synchrotron detector development, MicroED/3D ED, and laboratory-based X-ray microscopy

Personal statement: I have been a crystallographer for more than four decades, and throughout that time, I have worked not only in research, instrumentation, publishing, and education, but also to strengthen the organizations that support our field.

I am seeking the office of General Secretary–Treasurer because I believe the IUCr benefits from officers who combine scientific credibility with practical experience in governance, finance, and international coordination. My service has included leadership roles in the American Crystallographic Association, the US National Committee for Crystallography, and the Council of Scientific Society Presidents, as well as service as ex officio Financial Advisor to the IUCr. During my ACA leadership, I helped modernize financial management, reduce waste, establish a framework for greater transparency in finances and investments, and focused on making meetings safe and welcoming for all through harassment-awareness training and related efforts.

My commitment to the IUCr is longstanding. Family responsibilities prevented me from attending the 1990, 1993, and 1996 Congresses, but I have attended every IUCr Congress since 1999. I was also the USNC/Cr lead and one-third of the team that helped bring the 2026 IUCr Congress to Calgary through collaboration with the Canadian National Committee for Crystallography and the ACA. When I foresaw the demise of the US National Committee for Crystallography, I organized the formation of the American Union of Crystallography to preserve continuity of US representation in the IUCr. If elected, I would bring experience, continuity, and a deep commitment to the Union's mission of international crystallographic cooperation.

Charles BOND, School of Molecular Sciences, University of Western Australia, Crawley WA 6009, Australia

Nationality: Australian and British

Qualifications: Currently Professor (Molecular Sciences) The University of Western Australia (2006-). BSc (First Class Honours) in Chemistry with Industrial Experience (University of Manchester, 1988-92); PhD in Protein Crystallography (University of Manchester, 1992-96). Postdoctoral fellow (1996-2001) University of Sydney (Mitchell Guss) and Dundee (Bill Hunter). BBSRC David Phillips Research Fellow (University of Dundee, 2001-6). Fellow of the Royal Society of Chemistry (2012). Japan JSPS Short-term fellow (2013). Graduate of the Australian Institute of Company Directors (2022). Supervisor of 13 completed PhD students as principal supervisor and 12 as co supervisor, together with extensive Honours and Masters supervision. Numerous trainees have progressed to fellowships, awards and independent research careers. 138 peer reviewed publications (H-index Google: 55): including Cell, Science, Mol Cell, PNAS, NAR, Acta Cryst C, D, F, J. Appl. Cryst., JSR. 1 Patent application. Competitive research funding as Chief Investigator exceeding $90M, including national and international project grants, major infrastructure awards, and strategic synchrotron initiatives. Regular invited speaker at international crystallography, structural biology, protein and RNA meetings.

Recent appointments held: UWA: Chair, Animal Ethics Committee (2025-); Chair, Gender Equity Working Group (2024-), Member Athena Swan Self-assessment team (2015-2020,2026-); Head of School (2017-2019); Elected member Academic Board (2017-2025); Associate Dean (Research) (2009-13,15-16).
Australian Synchrotron: Chair MX3 beamline advisory panel (2020-2025) Chair of the Macromolecular Crystallography Programme Allocation Committee (2009-12), MX quinquennial review panel (2011); Scientific Advisory Committee (2013-2016); BRiGHT Scientific Advisory Committee (2017-2024)
Societies, Journals, Conferences: SCANZ President, VP, Past President (2022-26); National Committee for Crystallography (2025-); IUCr Commission on Biological Macromolecules (2015-20); Trustee, SCANZ 1987 Fund (2019-); Trustee, AsCA (2015-);Conference Chair, CRYSTAL35 (2024); Organising Committee IUCr 26th Congress (2023); Organising and Program Committee, Lorne Protein Conference (2013-2023, including Chair of DEI committee); Section Editor, Acta Cryst. Section D (2020-); Co-editorships: Acta D (2012-19), Scientific Reports (2013-2017); Frontiers in Biophysics (2023-2025).
External: Member, Vice-Chair, Perth Modern School Board (2023-25); Member, Wembley School Board (2013-17); Run Director, Perry Lakes parkrun (2020-); West Australian Symphony Orchestra Chorus (2015-).

Fields of Research: Structural biologist with internationally recognised contributions across protein crystallography, protein–nucleic acid interactions, and integrative structural biology using computation, crystallography, SAXS and electron microscopy. Structure based drug discovery against parasitic enzymes, novel disease-related proteins, structural enzymology. Since 2006, research focused on protein–RNA interactions, biomolecular condensates and engineering proteins for synthetic biology. Developer of widely used software (PDB-MODE, ALINE, TOPDRAW). $9M in Project funding, $15M in Centre funding, $8M in infrastructure funding including lead applicant for >$2M for establishment of UWA Protein Production Facility, Biomolecular Interactions Facility and Integrated Crystallisation Facility.

Personal Statement: The IUCr and its associated societies have been integral to my career since my first crystallographic meeting (BCA) as a PhD student in 1992. Through sustained engagement with national (BCA, SCANZ) and regional (AsCA) societies, IUCr Congresses, commission service and journal stewardship, I have gained insight into the Union's strengths and the responsibilities it carries as a global scientific organisation. A central priority for IUCr's future is the continued strength and relevance of its journals. As a long-standing editor of Acta Crystallographica Section D, having handled more than 150 manuscripts, I am committed to maintaining the rigour, visibility, impact and community value of IUCr publications as both scholarly and strategic assets of the Union. I am equally committed to inclusion, equity and international connectivity. More than a decade of leadership in equity and diversity initiatives has provided a practical understanding of effecting change to improve opportunity for underrepresented groups. As President of a Southern hemisphere crystallographic society, I encouraged cross-regional engagement, including seeding links with LACA and AfCA colleagues alongside established AsCA connections. IUCr's role as international "glue", supporting collaboration, capacity-building and institutional continuity, is currently as important as it was when the Union was first established. I would welcome the opportunity to contribute this experience and perspective to the IUCr Executive Committee.

Louise DAWE, Wilfrid Laurier University, 75 University Ave W, Waterloo, ON N2L 3C5, Canada

Nationality: Canadian

Qualifications:

• Canadian National Committee for Crystallography	
Treasurer	Jan. 2026 – Present
Chair	Jan. 2023 – Dec. 2025
Vice-Chair	Jan. 2020 – Dec. 2022
Executive Committee Member and Webmaster	Jan. 2015 – Present
Organizer of the Canadian Chemical Crystallography Workshop	2019 - Present
• International Union for Crystallography Associates Programme Member	Nov. 2017 – Present
• International Union for Crystallography Meeting (Formerly Calendar) Committee	Oct. 2017 – Dec. 2025
• IUCr Editorial Roles	
Section Editor, Acta Cryst. B	July 2023 – Present
Co-Editor (Teaching and Education), J. Appl. Cryst.	Apr. 2022 – Present
Co-Editor, Acta Cryst. C	Apr. 2020 – Jun. 2023
• International Union for Crystallography 2026 Congress and General Assembly	
International Program Committee Co-Chair for IUCr2026	Jan. 2022 – Present
Board of Managers for IUCr2026 LLC	Sept. 2021 – Dec.2022
IUCr2026 Bid Co-Chair	Jan. 2021 – Aug. 2021

• International Union for Crystallography 2014, 2017, 2021, and 2023 Congress and General Assembly
International Program Committee IUCr2023 in Melbourne, Australia Aug 2021 – Aug 2023
Chair of Canadian Delegation 2021 and 2023 2021 and 2023
Member of Canadian Delegation 2017 2017
Member of the Local Organizing Committee (Outreach) and Microsymposium Co-Chair 2014

Recent appointments held – Faculty of Science, Wilfrid Laurier University, Waterloo, ON

Interim Associate Dean, Educational Strategies and Partnerships Jan. 1, 2026 – June 30, 2026
Acting Associate Dean, Academic July 1, 2024 – June 30, 2025

Associate Professor (Tenured)
Department of Chemistry and Biochemistry July 1, 2018 – Present

Assistant Professor (Tenure-Track)
Department of Chemistry and Biochemistry July 2013 – June 30, 2018

Fields of research: Coordination chemistry, Chemical crystallography, small molecule X-ray crystallography, Chemistry and Crystallography Scholarship of Teaching and Learning (SOTL)
>150 peer reviewed publications, >4900 citations, h-index 44 (Google Scholar; 2026-04-30)

Personal statement: It would be an honour to continue my service to the Union as a member of the Executive Committee. Welcoming the global structural community to Montreal for the 2014 Congress, while co-chairing the microsymposium on IYCr2014 (International Year of Crystallography), and engaging the local community through public outreach, catalysed my increasing involvement with the IUCr. Through my work on the Meeting Support Committee and with three of our journals, I have developed a deep appreciation for ethical publishing, both in supporting authors and in ensuring the dissemination of work in forums that are trusted for quality and integrity. I have also gained an understanding of the role that journal revenues play in supporting the Union's work in education and outreach, through visiting professorships and other meeting support initiatives. As a member of the Executive Committee, I would contribute to ongoing initiatives and work to further enhance the visibility of IUCr journals and the broader value of publishing and reviewing within these forums. I am particularly committed to strengthening connections between publishing, education, and global community development within the Union.

Sofía DÍAZ-MORENO, Diamond Light Source, Harwell Science and Innovation Campus, Didcot, OX11 0DE, UK

Nationality: Spanish

Qualifications: Degree in Chemistry, University of Seville (1994). PhD in Chemistry (cum laude, European Doctorate), University of Seville (1998). Postdoctoral Researcher then Beamline Scientist at the European Synchrotron Radiation Facility (ESRF), France (1998–2003). Beamline Scientist (2003-2004), Principal Beamline Scientist (2005-2017), then Science Group Leader (2018-) for Spectroscopy at Diamond Light Source. Honorary Professor at the School of Physics and Astronomy, University of Kent. Responsible for the strategic scientific and technical development of four world-leading spectroscopy beamlines. Internationally recognised expert in X-ray spectroscopy, spectroscopy instrumentation, and the structure of liquids, disordered materials and catalysts. Co-supervisor of 7 PhD students. Member of peer-review proposal committees of three international facilities (Alba, Spring-8, SESAME), member of the beamline review panel for the Advanced XAFS (P64) and Applied XAFS (P65) beamlines at PETRA III (Germany), and Chair of the review panel for the Beamline for Materials Measurements (BMM) at NSLS-II (USA). Author of more than 110 peer-reviewed publications. H-index: 31. Frequent invited and plenary speaker at international conferences. Organizer of more than 10 international conferences and workshops, including four satellite of the IUCr congress.

Recent Appointments Held:
Current Chair of the Commission on XAFS of the International Union of Crystallography (2021– 2026)
Member and secretary of the Commission on XAFS of the International Union of Crystallography (2014/21)
Current Vice-Chair and Chair-elect of the Executive Committee of the International X-ray Absorption Society (2022). Member since 2015.
Assessor for the Australian Research Council since 2019
Co-ordinator of the Chemical Sciences subcommittee of the peer review committee for SESAME (Jordan) (2022)
Guest Editor, Journal of Synchrotron Radiation (2017–2018) and Radiation Physics and Chemistry (2024 – 2026)

Fields of Research: X-ray absorption and emission spectroscopy; spectroscopy instrumentation; structure of liquids and disordered materials; operando and time-resolved spectroscopy; energy and catalytic materials; correlation of spectroscopy with diffraction and total scattering methods; development of large-scale research infrastructures.

Personal Statement:
I am honored to be nominated for membership of the Executive Committee of the International Union of Crystallography and would welcome the opportunity to serve the IUCr community in this capacity during the next triennium. Throughout my career, I have been deeply engaged in structure determination and X-ray spectroscopy, from both scientific and community perspectives. For more than three decades, I have worked at large-scale research infrastructures. In my current role as Science Group Leader for the Spectroscopy Group at Diamond Light Source, I am responsible for the strategic development of multiple beamlines that support a broad and highly international user community. This role has provided me with extensive experience in scientific governance, long-term planning, international collaboration, and in balancing scientific ambition with operational delivery. In parallel to my infrastructure leadership, I am Chair-elect of the International X-ray Absorption Society (IXAS), representing a global community of more than 2,000 researchers. This role involves strategic oversight of the society, including responsibility for conference organization, community engagement, and the promotion of best practice in X-ray spectroscopy. My involvement with the IUCr has been long-standing and active. I have served on the IUCr Commission on XAFS as Secretary (2014/21) and Chair (2021-). In this capacity, I have worked to promote methodological advances, high standards of data quality, and strong conceptual and practical links between crystallography, total scattering (PDF), and spectroscopic techniques. I have also contributed to the organization and delivery of several IUCr Congresses by chairing and selecting microsymposia (Madrid, Hyderabad, Prague, Melbourne, and Calgary), organizing workshops (XAFS workshops in Melbourne and Calgary), and satellite meetings (Q2XAFS international conferences in the UK and Australia), with a particular emphasis on early-career researchers, interdisciplinarity, and broad international participation.

If elected to the Executive Committee, I would aim to contribute constructively to the strategic mission of the IUCr, supporting its role in promoting scientific excellence, education, inclusivity, and global representation. I am particularly motivated to strengthen the role of spectroscopy within structural science and to enhance collaboration with complementary experimental and computational techniques. These aims align closely with the IUCr's statement of purpose, reaffirmed during its 75th anniversary, and with its continued commitment to advancing structural science worldwide.

Annalisa GUERRI, Dept. of Chemistry "Ugo Schiff", University of Florence, via della Lastruccia 3-13, Sesto Fiorentino (FI), Italy

Nationality: Italian

Qualifications: She served as secretary for the Italian Crystallographic Association (AIC) from 2015 to 2020 and as Chair of the Commission on Instrumentation and Computing from 2020 to 2023, for the same association. She also covered international roles within the European Crystallographic Association as Co-Chair and Chair of the General interest Group on Education in Crystallography (GIG03) from its foundation 2016 to 2024. During these years the GIG03 together with the other general interest groups was able to promote the project "Women in Crystallography" which involved a fundraising project through which young female scientists are supported to attend crystallographic events. In addition to this, a series of video are produced, and they have a central subject regarding women and crystallography. GIG03 also largely contribute to the "ECA Initiatives on Equity, Diversity and Inclusion".
Within the IUCr, she is now Chair of the Commission on Crystallographic Teaching (Term 2023-2025), a member of the Gender and Equity and Diversity Committee who established for IUCr the code of Conduct. She is also, by the bylaws, a member of the Meeting Support Commission. She was involved in the organization of several international meetings, starting from the very successful 2005 IUCr meeting in Florence to the ECA meeting in Padua in 2024. She is Executive Secretary for the International School of Crystallography starting from 2008.

Recent appointments held: After having worked for decades in the field of crystallography, at the moment A.G held the position of manager of the FloCEN Lab (Florence Center for Electron Nanoscopy) where a ThermoFisher Glacios (200 KeV) Cryo EM is working together with the laboratory for the preparation of the sample for the microscopy (grids) through a VitRobot Mark IV system.

Fields of research: A.G. is a crystallographer, working at the Department of Chemistry of the University of Florence as a laboratory manager. As a crystallographer she explored different field of study, started working on the interaction of metal organic complexes with macromolecules (the field that later became "Medicinal Chemistry"). Then she explored the organometallic field using powder diffraction and single crystal X-ray diffraction to characterize different MOF and variable dimension coordination polymers. In the last years she started working on Cryo Electron Microscopy both for the imaging of soft matter (Micelles, fibers, vescicles, multilamellar structures) and for single particle analysis.

Personal statement: It is a great honour to be nominated for membership on the Executive Committee. I am fully aware that this role has gained increasing importance within the crystallographic community in recent years, as science continues to evolve at an extraordinary pace in terms of technology, theory, and applications. I welcome the opportunity to contribute actively to this dynamic and rapidly advancing field. I firmly believe that crystallographers have not only the privilege but also

the responsibility to share their knowledge and experience, fostering the development of early-career researchers and promoting the broader dissemination of crystallographic science. Engaging with the public, in the spirit of citizen science, is equally important to strengthen the connection between science and society.

Promoting awareness and participation at all levels requires dedication and inclusivity, as well as a commitment to overcoming barriers related to gender, religion, and social background. I am strongly committed to supporting this vision and to contributing to a more open, diverse, and collaborative scientific community. I have been actively involved in both national organizations, such as the Italian Crystallographic Association, and international bodies, including the European Crystallographic Association and the International Union of Crystallography, where I continue to serve. In these roles, I have organized scientific events and established collaborations with researchers worldwide. I am eager to bring the experience I have developed over the years to further advance crystallography and to support the growth of a more informed, connected, and engaged community.

Ute KOLB, Department Chemie, Johannes Gutenberg University Mainz, Germany

Nationality: German

Qualifications:
Diploma in Chemistry: 1989
Doctorate 27.11.1994
Habilitation 22.04.2015
Assignment Professorship: 2012

Recent appointments held:
Professor for Electron Crystallography, Institute for Applied Geosciences (IAG), Department Material- and Geosciences, Technical University Darmstadt (TU-DA)
Head of the Center for Electron Microscopy, Department Chemistry, JGU
Chair of the German Society for Crystallography (DGK)

Fields of research: electron crystallography

Personal statement: At the time of preparing these papers, no personal statement from Ute Kolb has been received.

Kyeong Kyu KIM, Sungkyunkwan University, 25-2 Seonggyungwan-ro, Jongno District, Seoul, South Korea

Nationality: South Korean

Qualifications: Professor Kyeong Kyu Kim is an internationally respected structural biologist whose leadership and scholarship have shaped the field of crystallography across Asia and beyond. Since 2000, he has served as a Board Member of the Korean Crystallographic Association, and in 2022, he demonstrated outstanding leadership as the Chair of the Local Organizing Committee for the 17th Asian Crystallographic Association Conference (AsCA2022), held in Jeju, Korea. This conference was the first major international crystallography meeting to be held in-person after the COVID-19 pandemic, bringing together 662 participants from 24 countries, including former AsCA presidents and directors of leading research institutes. Under Professor Kim's direction, AsCA2022 was widely recognized as a scientific and diplomatic success, reviving regional collaboration and accelerating post-pandemic scientific exchange. Professor Kim's research focuses on structural and chemical biology, particularly noncanonical DNA structures, protein–nucleic acid interactions, and antibiotic resistance. He has authored over 250 peer-reviewed publications, holds more than 40 patents, and serves as Associate Editor of Acta Crystallographica Section F. He has trained over 60 Master, Ph.D. students and postdoctoral researchers, many of whom now hold faculty or leadership roles across the globe. His work exemplifies the IUCr's core mission: to promote excellence in structural science, foster international cooperation, and support the next generation of crystallographers. This is reflected in several dimensions of his career:

• Advancing excellence in structural science: Professor Kim has published over 250 international peer-reviewed articles and edited structural biology books such as Crystallographic Studies of Enzymes, contributing substantially to the understanding of noncanonical nucleic acids (Z-DNA, G-quadruplex), protein–nucleic acid interactions, and antimicrobial resistance mechanisms. As a long-time Associate Editor of Acta Crystallographica Section F, he has ensured scientific quality and accessibility for global researchers.
• Promoting international cooperation: He has actively participated in numerous international crystallographic organizations and symposia, serving as a member of the International Advisory Committee of the Biology and Synchrotron Radiation (BSR) meetings (2010, 2013, 2016) and of the Asian Crystallographic Association (AsCA) Program Committee (2010, 2016). In 2022, he successfully led AsCA2022 as the Local Organizing Committee Chair, hosting 662 participants from 24 countries and restoring post-COVID scientific exchange in Asia.

• Enabling research infrastructure and community service: Domestically, he has contributed to national synchrotron access and policy as the President of the Korean Synchrotron Radiation Users Association (2024–), and he is deeply engaged with the wwPDB and PDB Japan advisory board (since 2022), influencing the development of global structural data repositories.
• Supporting and mentoring the next generation: Professor Kim has supervised more than 60 Master and Ph.D. students and postdoctoral researchers who now work in academic, industrial, and clinical research settings across Korea, the US, UK, Vietnam, and India. Many of them have become faculty members or leaders in their fields, sustaining his long-term impact on the future of structural science.

In summary, Professor Kim's sustained scientific excellence, active leadership in international and regional crystallographic initiatives, and deep commitment to mentoring future scientists exemplify the very mission of the IUCr. His nomination would bring valuable experience, balanced vision, and strong global connectivity to the Executive Committee.

Recent appointments held:
- Institute (Sungkyunkwan University)
• Professor, Department of Precision Medicine, Sungkyunkwan University School of Medicine (2000–present)
• Director, Biomedical Institute for Convergence, SKKU (2023–present)
• Chair, Graduate School of Medicine, SKKU (2019–present)
• Director, Institute for Antimicrobial Resistance Research and Therapeutics (2018–present)
• Head, Department of Precision Medicine (2019–present)
• BK21 FOUR Program Leader, Ministry of Education, Korea (2020–present)

- Domestic:
• President, Korean Synchrotron User Association (2024–present)
• Executive Director, Korean Chemical Society (2024–present)
• Executive Director, Korean Federation of Science and Technology Societies (KOFST) (2023–present)
• Scientific Advisory Board, MasterMediTech

- International
• Associate Editor, Acta Crystallographica Section F (2017–present)
• Editorial Board Member, Biophysical Reviews, Crystals, Current Bioinformatics, Frontiers in Chemistry
• Scientific Advisory Board, ww PDB and PDB Japan
• Member, IUCr Meeting Support Committee
• Member, International Advisory Committees of multiple synchrotron and crystallography-related conferences (BSR, AsCA, etc.)
• National Representative of Korea, Joint Programming Initiative on Antimicrobial Resistance (JPIAMR) (2018–present)

Fields of research:
- Noncanonical Nucleic Acid Structures (Z-DNA, G-quadruplexes): structure and function of genomic G4 and Z-DNA in viruses and bacteria, their relevance to gene regulation, antimicrobial resistance, and viral replication

- Structural and Chemical Biology of Pathogenicity and Drug Resistance: Cryo-EM and crystallographic studies on virulence regulators, proteases, and resistance mechanisms in MDR bacteria, Structure-based design of antivirulence and antibiotic adjuvant molecules

- Translational Structural Biology and Synthetic Cell Therapy: development of novel antibiotics and stem-cell therapies using structure-guided drug design and cellular reprogramming, patented strategies targeting USP enzymes, mannitol metabolism, and epigenetic regulators for therapy

Personal statement: Professor Kyeong Kyu Kim has devoted his career to advancing crystallography, structural biology, and international scientific collaboration. Through his research in structural and chemical biology, synchrotron science, and cryo-EM–based biomedical studies, he has witnessed how crystallography continues to evolve as a central discipline connecting biology, chemistry, physics, and medicine. Professor Kim has accumulated extensive international service experience through his roles as Associate Editor of Acta Crystallographica Section F, member of the Scientific Advisory Board of the wwPDB/PDB Japan, and member of the IUCr Meeting Support Committee. These activities have allowed him to contribute to scientific publishing, structural data resources, and international conference support while promoting accessibility and global cooperation within the crystallographic community. As Chair of AsCA2022 in Jeju, Korea, Professor Kim successfully organized the first major in-person crystallographic conference in Asia after the COVID-19 pandemic. The meeting brought together researchers from 24 countries and played an important role in rebuilding international scientific exchange and collaboration across the region. Professor Kim is also deeply committed to mentoring and supporting young scientists. Over his career, he has trained more than 60 graduate students and postdoctoral researchers from diverse international backgrounds, many of whom now serve as faculty members, researchers, and leaders in academia and industry worldwide. He strongly believes that providing international opportunities and fostering the next generation of crystallographers are essential for the continued

growth of the field. If elected to the IUCr Executive Committee, Professor Kim will work to strengthen international collaboration, support young researchers, and promote the continued development and global impact of crystallography and structural science.

Ivana RADOSAVLJEVIĆ EVANS, Durham University, The Palatine Centre, University, Stockton Rd, Durham DH1 3LE

Nationality: British/Serbian (dual nationality)

Qualifications:
PhD in Chemistry, Department of Chemistry, Oregon State University, USA (!999)
BSc in Physical Chemistry, Faculty of Physical Chemistry, Belgrade University, Serbia (1992)

Recent appointments held:
Full Professor in Structural / Materials Chemistry, Department of Chemistry, Durham University, UK (2019 -)
ISIS Neutron and Muon Source Science Advisory Committee Member (2024 – present)
Institut Laue Langevin (ILL) Scientific Council Member (2020 – 2024)
IUCr Commission for Powder Diffraction Vice-Chair, Vice Chair (2017 -)
Visiting Researcher at ANSTO, Australia (2015)
Royal Society of Chemistry Materials Chemistry Division Council Member (2016 - 2019)
Chair of the Physical Crystallography Group of the British Crystallographic Association (2011 – 2014)

Fields of research: I am a solid-state chemist and my research in functional materials, unusually, ranges from extended/inorganic to molecular/organic materials. The underlying scientific themes are ionic/molecular dynamics in solids leading to exploitable properties, and development/application of advanced techniques/theory to understand materials function.

Personal statement: From the earliest stages of my career as a solid-state chemist, as a PhD student at Oregon State university, a strong "structural science ethos" was instilled into my approach to research. My PhD supervisor, Arthur W. Sleight, was not only an advocate for, but also an active practitioner of the idea that structure underpins functional materials properties to the extent that without understanding the former we cannot understand the latter.

As a result, over the last three decades, crystallography has been in the foundations of my scientific research in a wide range of forms: powder and single crystal; X-ray and neutron; ambient and non-ambient; laboratory and large facilities-based. I have successfully applied these techniques and methods, and in some cases contributed to their development, to functional materials ranging from oxides for energy applications to small organics with pharmaceutical relevance, and occasionally in smaller collaborative projects, to archaeological materials.

My passion for crystallography goes beyond my own and my group's research; I am a committed educator in this area of knowledge, as well. Since 2004, I have been one of two co-organisers and course co-designers and a lecturer/tutor on the Powder Diffraction & Rietveld Refinement School, an international advanced-level teaching school held at Durham. This IUCr-recognised and supported biennial School attracts PhD researchers, postdocs, academics, central facility staff and industrial researchers from all continents, and has so far graduated >600 students from all continents. Professionally and personally, this is one of my career highlights.

I believe that the combination of breadth and depth of my expertise in crystallography, my commitment to sharing this expertise and strong international component in my track record, make me an excellent candidate for the membership of the IUCr Executive Committee.

Appendix 35 to Agenda

Any other business