



## The birth of *IUCrData*: a new era in data publication

The International Union of Crystallography is delighted to announce the launch of a new open-access data publication, *IUCrData*. This innovative publication aims to provide short descriptions of crystallographic datasets and datasets from related scientific disciplines, as well as facilitating access to the data.

The first phase of this venture enables authors rapidly to publish brief, peer-reviewed *Data Reports* on individual crystal structures, making them readily available to the scientific community.

A global team of 25 editors forms the editorial board of *IUCrData*, bringing a wealth of experience and enthusiasm to the new data publication.

*Data Reports* in *IUCrData* include the following components:

- a short abstract
- an interactive 3D structure representation
- a structure description section
- a synthesis and crystallization section
- relevant figures
- tabular structural data
- literature references.

A key characteristic of *Data Reports* is the brevity of the discussion. The metric data and plots appear in the main body of the publication and provide the bulk of the information. Readers are able to access the complete diffraction data, the submitted crystallographic information file (CIF) and the full checking output.

Use of the IUCr's *publCIF* software makes submission of a *Data Report* to *IUCrData* easy. *publCIF* can be downloaded free of charge from <http://iucrdata.iucr.org/services/cif/publCIF/>.

To find out more about the new open-access data publication *IUCrData* and keep up to date with announcements on future phases of this project, go to <http://iucrdata.iucr.org>.

### About the IUCr

The International Union of Crystallography (IUCr) is a scientific union adhering to the International Council for Science (ICSU). Its objectives are to promote international cooperation in crystallography and to contribute to all aspects of crystallography, to promote international publication of crystallographic research, to facilitate standardization of methods, units, nomenclatures and symbols, and to form a focus for the relations of crystallography to other sciences.

The IUCr fulfils its publication objectives by producing primary scientific journals and reference works such as *International Tables for Crystallography*. IUCr Journals are the leading journals in their field and are produced to the highest quality standards. There are nine journals, two of which are gold open access and the remainder hybrid open-access titles. IUCr Journals have an international editorial board of approximately 200 editors. All articles go through a rigorous peer-review process.

The IUCr also manages and maintains the *World Directory of Crystallographers*, a database of professionals engaged in all areas of research related to X-ray crystallography.

For more information about the IUCr, see our [website](#), and join us on [Facebook](#), [YouTube](#), [LinkedIn](#) and [Twitter](#).

***Dr Jonathan Agbenyega***  
***Business Development Manager, IUCr***  
***ja@iucr.org***