

Full Professor, Professor with special responsibilities (MSO) or Associate Professor within Materials Synthesis 1002237

Applications are invited for a position as Full Professor, Professor with special responsibilities or as Associate Professor at the Aarhus University Center for Integrated Materials Research (iMAT, www.imat.au.dk).

The deadline for application is December 1st, 2018, and the position is open for appointment from January 1st, 2019.

The iMAT center seeks to strengthen its program by appointing a Full Professor, a Professor with special responsibilities or an Associate Professor to lead and develop research and teaching activities on preparative aspects of materials science and technology. The ideal candidate has a strong track-record and expertise in the broad field of materials synthesis within e.g. nanomaterials, thin films, organic and inorganic polymers, metal-organic frameworks, heterogeneous catalysts, molecular materials, energy materials or geomaterials, and preferably complementing research strengths at the Faculty of Science and Technology. To qualify for the position, the candidate must have experience in managing a research group and a proven ability to publish at an internationally high level together with a strong record in attracting research funding.

Applicants for associate professor position are expected to have research experience from several years as assistant professor or similar. Applicants must document a strong record of original research and have teaching experience at undergraduate/graduate level.

For the Full Professor position candidates must have an extensive and excellent record of independent, ground-breaking research accomplishments as well as documented high-quality teaching and supervision experience. Candidates must document established leadership and management abilities as well as the ability to promote collaborative research and attract substantial external funding.

iMAT is a new strategic initiative at the Faculty of Science and Technology at Aarhus University boosting materials research across the Departments of Chemistry, Physics, Engineering, Geoscience and the interdisciplinary Nanoscience Center (iNANO). The position will be appointed at iNANO with affiliation to the Department most suited for the successful candidate. It is expected that the new employee will be able to integrate with the extensive materials science activities at the Faculty of Science and Technology. The candidate's research plan must contain research visions and topics defined broadly within materials science with specific focus on materials synthesis, and the candidate preferably should be a valuable collaboration partner within industry-driven research and development. iMAT is deeply involved in beamline development at the European Spallation Source (Heimdal beamline) and at the MAX IV synchrotron (DanMAX beamline), and together with other nearby facilities such as the European XFEL, the PETRA3 synchrotron, and the local ASTRID2 synchrotron, this facilitates excellent possibilities for advanced neutron and synchrotron characterisation of the synthesized materials.

The candidate is expected to be able to teach at all levels of university education and be an integral part in the teaching program at iNANO and at the affiliated department. A non-Danish candidate is expected to be able to teach in Danish on undergraduate courses within a 3-5 year time frame.

iMAT integrates a diverse range of basic and applied materials research areas across departments and centers and thereby strongly contribute to solving some of the Grand Challenges of modern society. iMAT is administratively placed under iNANO (www.inano.au.dk), which is a major research and education center based at Aarhus University possessing state-of-the-art infrastructure across disciplines including nanocharacterisation, clean-room and thin-film synthesis facilities. iMAT offers a dynamic research environment with many industrial, national and international collaborators.

The place of work is Gustav Wieds Vej 14, 8000 Aarhus C, and the area of employment is Aarhus University with related departments.

For further information on the position please contact iMAT Center Director Bo Brummerstedt Iversen (bo@chem.au.dk), head of search committee Jeppe Vang Lauritsen (jvang@inano.au.dk) or iNANO Center Director Trolle Linderoth (trolle@inano.au.dk).

Application procedure

Shortlisting is used. This means that after the deadline for applications and with the assistance from the assessment committee chairman, and the assessment committee if necessary, the head of department selects the candidates to be evaluated. The selection is made on the basis of an assessment of who of the candidates are most relevant considering the requirements of the advertisement. All applicants will be notified within 6 weeks whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee and will receive his/her assessment. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants, including the main considerations emphasized during the selection process.

Formalities and salary range

Science and Technology refers to the [Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation.](#)

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found [here](#).

Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Finance and the Danish Confederation of Professional Associations. Further information on qualification requirements and job content may be found in the [Memorandum on Job Structure for Academic Staff at Danish Universities. \(in Danish\)](#).

Salary depends on seniority as agreed between the Danish Ministry of Finance and the Confederation of Professional Associations.

All interested candidates are encouraged to apply, regardless of their personal background. Research activities will be evaluated in relation to actual research time. Thus, we encourage applicants to specify periods of leave without research activities, in order to be able to subtract these periods from the span of the scientific career during the evaluation of scientific productivity.

Aarhus University offers Relocation service to International researchers. You can read more about it [here](#).

LINK:

<http://www.au.dk/om/stillinger/videnskabelige-stillinger/stillinger/Vacancy/show/1002237/5285/>