Associate Professor or Tenure Track Assistant Professor within Structural Materials Science using Neutrons

Applications are invited for a position as Associate Professor or Tenure Track Assistant Professor at the Department of Chemistry (chem.au.dk) and affiliated with the Aarhus University Center for Integrated Materials Research (iMAT) within the field of Structural Materials Science Using Neutrons. The intended start is spring 2020 or as soon as possible.

The Department of Chemistry at Aarhus University is one of the leading European chemistry departments with a broad research program. It has a permanent staff of ~30 full and associate professors, a support-staff of ~30 people, ~150 PhD-students and postdocs and around 500 students.

The iMAT center seeks to strengthen its program by appointing an Associate Professor or Tenure Track Assistant Professor to lead and develop research and teaching activities within neutron-based structural materials science. iMAT and Aarhus University recently became host of the first Danish ESS Lighthouse project aiming to strengthen Danish science with neutrons. The ideal candidate has a strong track-record and expertise in application of neutron techniques to investigations of atomic structure in materials science. The applicant is expected to have large experience in conducting high impact neutron experiments and preferably complementing research strengths at the Faculty of Science and Technology.

Applicants for the 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. 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.

For the Tenure Track Assistant Professor position candidates must be able to demonstrate potential for excellent research and teaching. Extensive postdoctoral training or similar is expected (see below for tenure-track program).

The candidate must be able to teach chemistry at all levels of university education and be an integral part in the teaching program at the Department of Chemistry. A non-Danish candidate is expected to be able to teach in Danish on undergraduate courses within a 4-5 year time frame.

iMAT is a 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 candidate's research plan must contain research visions and topics with strong emphasis on application of neutron techniques in studies of materials structure at the atomic scale. 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 research.

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 a very broad range of state-of-the-art infrastructure. iMAT offers a dynamic research environment with many industrial, national and international collaborators.

For further information on the position, please contact iMAT Center Director Bo Brummerstedt Iversen (bo@chem.au.dk), Head of Search Committee Mogens

Christensen (mch@chem.au.dk), or Head of Department of Chemistry Birgit Schiøtt (birgit@chem.au.dk)

The place of work will be Langelandsgade 140, 8000 Aarhus C, Denmark.

Deadline: All applications must be made online and received by: August 1st, 2019. Interviews are expected to be held late 2019/early 2020.

Application procedure
The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a description of previous funding, a statement of future research plans and information about research activities, teaching portfolio and information on previous teaching experience. Guidelines for applicants can be found here.

Tenure Track Program at Aarhus University
Aarhus University offers talented scientists an attractive career perspective via the Tenure Track Program. Highly qualified candidates are appointed as Assistant Professors for a period of 6 years with the prospect of a performance-based advancement to a tenured position as Associate Professor. As part of the Aarhus University Tenure Track Program, the University carries out a mid-term evaluation to review the progress of the tenure track candidate, according to the same criteria used in the final tenure review. If the final review is positive, the candidate will be offered a tenured position as Associate Professor at Aarhus University.

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.

Please indicate in the cover letter, if the application is at the tenure-track assistant professor level or the associate professor level.

Please provide your ResearcherID, ORCID, Google Scholar profile link, and/or a unique search query in Google Scholar, Scopus and/or Web of Science to retrieve your publication
and citation track record.

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

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.

All interested candidates are encouraged to apply, regardless of their personal background.

Aarhus University offers a broad variety of services for international researchers and accompanying families, including relocation service and career counselling to expat partners. Read more here. Please find more information about entering and working

in Denmark here.

Aarhus University

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 39,000 students (FTEs) and 8,000 employees, and has an annual revenues of EUR 884 million. Learn more at www.au.dk/en

Ansøgningsfrist:

1. august 2019

Faglig kontaktperson:

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37

Forventet tiltrædelsesdato:

1. april 2020

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