

Post-doc position in Molecular Electronics, Nano-Science Center, University of Copenhagen and Chinese Academy of Sciences, Beijing

A Post-doc position is available at the Nano-Science Center, University of Copenhagen.

The position is part of the Danish-Chinese Center for Molecular Nano-Electronics, which is a collaborative project between Danish and Chinese research groups in the fields of Physics and Chemistry of nanoscale electronics. The work will be carried out at the Chinese Academy of Sciences in Beijing, either at the National Center for Nanoscience and Technology, (<http://english.nanoctr.cas.cn>) or the Institute of Chemistry (<http://english.ic.cas.cn>) depending on the successful applicant's background and research interests.

The scientific aim of the research within the Danish-Chinese Center for Molecular Nano-Electronics is to develop new scientific insight that allow better control of the nanoscale supramolecular organization of electronic materials as well as the fabrication of devices with novel advanced functions.

Combined, the research groups in Denmark and China have access to state-of-the-art facilities within semiconductor nanostructures, molecular electronics, scanning probe microscopy, synchrotron X-ray physics, carbon nanostructures, theory, supramolecular chemistry and self-assembly, organic synthesis and more.

Qualifications

A PhD or equivalent degree in a field relevant to the research project is required. In particular, we are looking for a candidate with excellent social skills that can serve as a bridge between the groups in Copenhagen and Beijing. Personal experience with the Scandinavian research environment is mandatory. The working language is English, thus excellent English speaking, reading and writing skills are a requirement.

Salary and employment

The successful applicant will be hired as a postdoctoral fellow for an initial one-year period with the possibility for an extension. While negotiation for salary supplement is possible, the starting salary level is currently approx. DKK 32.000 a month plus contribution to a pension scheme. Terms of appointment and payment according to the Agreement between the Danish Ministry of Finance and the Danish Federation of Professional Associations (AC).

Application

The application must contain:

- Motivation letter including a short description of own research interests and experience (max 2 pages)
- Curriculum vitae (with the applicants e-mail address and telephone number)
- List of publications
- Transcript of PhD diploma or equivalent

- Contact details of two references

Written application marked “Beijing Post-doc” should be emailed as a single pdf-file to project manager Bo W. Laursen; e-mail: bwl@nano.ku.dk and received no later than January 15, 2012.

Inquiries can be sent to Kasper Nørgaard; e-mail: kn@nano.ku.dk

The University of Copenhagen wishes to reflect the surrounding society and encourage all qualified applicants, regardless of personal background, to apply for the positions.

Founded in 1479, the University of Copenhagen is the oldest university in Denmark. With approximately 37,000 students and 7,500 employees, the University is the largest university in Scandinavia. According to an international survey the University is ranked as number eight in Europe, and it is a member of the International Alliance of Research Universities (IARU). www.ku.dk/english