



POST DOC POSITION - 2015

"Scanning Probe Microscopy Studies of Catalyst Surfaces"

We currently seek a **post doc candidate** with a **recent PhD (three years)** at the Surface Science and Nanocatalysis group at the Interdisciplinary Nanoscience Center (iNANO) at **Aarhus University, Denmark**. The candidate should have a background in physics, physical chemistry or similar, preferably with strong insight into surface science. The position is for 2 years with possibilities for extension.

The work will focus on scanning tunneling microscopy (STM) and photoemission spectroscopy characterization of nanoclusters on surfaces as model systems for heterogeneous catalysts. The successful candidate will be joining a dynamic and ambitious research team seeking to understand transition-metal oxide surfaces and nanoparticles. The group collaborates with leading theory and surface physics groups, and is well connected to industrial groups in catalysis R&D.

Please submit your CV and application if you have **PhD degree** with a successful and documented scientific record. Due to the early stage researcher conditions of the post doc funding, only candidates who were awarded the PhD degree **within the last three years** are eligible. Experience in STM, AFM, surface phys-

ics and/or handling and construction of ultra-high vacuum (UHV) equipment will be a distinct advantage.

The starting date is negotiable, but is preferably in the **Fall of 2015**.

For further information, you are welcome to contact Associate Professor **Jeppe V. Lauritsen**. jvang@inano.au.dk. (Tel: +45 2382369)

Potential candidates are kindly asked to send their CV, full publication list, a motivation letter and a short description of qualifications to

Recent highlights from the group:

- A. Bruix, et al. ACS Nano (2015), online DOI: 10.1021/acsnano.5b03199
- A. Walton, J. Fester, M. Bajdich, et al., ACS Nano 9, 2445 (2015)
- T. N. Jensen, K. Meinander, et al., Phys. Rev. Lett. 113, 106103 (2014)
- G. J. A. Mannie, et al., ACS Catal. 4, 3255 (2014)

More information:

[:http://inano.au.dk/organization/research-groups/nanocatalysis-lab-lauritsen/](http://inano.au.dk/organization/research-groups/nanocatalysis-lab-lauritsen/)

<http://inano.au.dk/>

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