

Postdoctoral Fellowship in Nanoscale Simulation at NANOTEC, Thailand

<http://www.nanotec.or.th/nanoEng/?status=news&cid=48&t=News&st=Events>

NANOTEC is the Thailand national nanotechnology center under the ministry of science and technology. Within NANOTEC, there are research laboratories focusing in many aspects of nanotechnology including nanoscale simulation laboratory. Please visit www.nanotec.or.th for further information.

Objective of Postdoctoral Fellowship Program @ NANOTEC, Thailand

The goal of the program is to provide research opportunity and career development for scholars. This will increase the number of professionals whose work would enhance the diversity of the academic community and drive forces to deliver research outcomes, which are beneficial to Thailand. The program aims to support individuals who hold a doctorate mainly in the fields of Nanotechnology.

Eligibility

§ Applicants must have completed a doctoral degree in Chemistry, Physics, Chemical Engineering or Material Science (within 5 years post-PhD from the time of application submission) or will do so prior to commencing fellowship,

§ Awards will be made for applicant with good background in periodic DFT calculation, preferably with good commands in quantum espresso, CPMD, CP2K or VASP packages.

§ Applicants must be able to engage in full-time postdoctoral research for the period of the award.

Research Description

Successful applicant will conduct a research on nanoscale simulation of photocatalyst system in the following aspects.

- band gap engineering of doped metal oxide by using periodic DFT calculation
- photocatalytic process for air purification

Detail of Awards & Conditions

A successful candidate would be sponsored to work at NANOTEC under the Postdoctoral Fellowship Program.

Award Conditions: 1 year contract with possibility of extension to a second year.

Salary which covers accommodation and living expenses is negotiable based on your research profile. In addition, health and life insurance will also be provided for the successful applicant. A round-trip economy-class plane ticket can also be reimbursed after the one-year work.

Application and additional information,

Application form and further information can be found at: <http://www.nanotec.or.th/>

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Please submit application materials to:

Post Doctoral Scholarship Program

National Nanotechnology Center (NANOTEC)

National Science and Technology Development Agency

130 Thailand Science Park, Paholyothin Rd.,

Klong Nueng, Klong Luang, Pathumthani 12120 Thailand

Tel: +66(0)2564 7100 ext. 6552 Fax: +66(0)2564 6985

Email: uracha@nanotec.or.th

or contact yuthana@nanotec.or.th for question specific to this position.