

Department of Engineering and System Science National Tsing Hua University Taiwan

Tenured and Tenure Track Faculty Positions Available

The Department of Engineering and System Science at National Tsing Hua University (NTHU), located in Hsin Chu, Taiwan provides the best interdisciplinary engineering program in Taiwan and remains in the top tier of similar academic program in Asia. The department has 33 full time faculty members with doctoral degree from prestigious universities around the world. The multi-disciplinary undergraduate course curriculum covers the field of electronics, material science and engineering, physics, energy engineering. The research areas include plasma science and engineering, nuclear power plant technology, radiological science and technology, nanotechnology, micro-electro-mechanical systems, semiconductor device processing and measurement. Further information about the department may be found on the web at <http://www.ess.nthu.edu.tw>.

Our department invites applications for a tenured or a tenure track faculty position in **neutron and synchrotron X-ray scattering with emphases in scattering instrumentation, scattering theory, and new scattering techniques (such as coherent scattering, spin-echo, grazing-incident small-angle scattering, etc.), with applications in hard and soft condensed matter as well as biophysics.**

We are looking to strengthen and complement our expertise in scattering experimental condensed matter physics. Experiences in major neutron and synchrotron facilities will be favored. All levels of faculty position are available. Candidates must have a Ph.D. in Physics, or a closely related discipline. All candidates should demonstrate promise for excellence in teaching at both the undergraduate and graduate levels. The applicants are expected to join the development work on constructing X-ray scattering beam lines at the current 1.5 GeV ring or the future 3 GeV ring of the National Synchrotron Radiation Research Center (NSRRC, Hsinchu, Taiwan) and also to exploit opportunities at the neutron sources worldwide for developing new beam lines or conducting neutron scattering researches, and eventually to develop a leading presence in the Taiwan neutron and X-ray scattering community. NSRRC is located less than 2 km from NTHU.

Applicants should send a curriculum vitae, a statement of research interests and plans, a statement regarding teaching, and arrange for three letters of reference to be sent by March 15th for Fall 2008 and September 1st for Spring 2009 to: **Prof. and Chairman Min Lee** (mlee@ess.nthu.edu.tw), Department of Engineering and System Science, National Tsing Hua University, 101, Sec. 2, Kuang Fu Road, Hsinchu 300, Taiwan.

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