

**A Post Doctoral Research Associate, KAIST, Korea is available.
Prof. Osamu Terasaki's group**

WCU of EEWS (World Class University of Energy, Environment, Water and Sustainability) is a new Governmental Program located on KAIST at Daejeon, in the centre of Republic of Korea. KAIST is top ranked University in KOREA in all fields of science and technology. Full details can be found on the KAIST website at <http://eewseng.kaist.ac.kr/>

We are looking for a Post Doctoral Research Associate, who has a strong interest in diffraction, imaging and chemical/physical analysis by EM (SEM, CTEM & STEM) and X-ray diffraction for structural studies of nano-materials to understand their functions. You should have the official Ph.D certificate, only the Ph.D certificate copy will be ensured to get the official visa from Korean government.

The position will be available at anytime from 1st May 2010.

The job will be on the followings;

- (i) setting up new experimental facilities such as SEM(JSM-7600F) and CP, we are interested in developing low impact energy SEM(imaging + other analyses) and environmental cell for EM (mainly for SEM),
- (ii) teaching users principles and training them practices on electron microscopy,
- (iii) performing researches on nanostructured materials using EMs(both TEM and SEM), various TEMs and SEMs including a spherical aberration corrected TEM (ARM-200F) are accessible,
- (iv) doing X-ray diffraction study (including synchrotron light source at Spring-8, Japan) for nanostructured materials to understand structure-function relationship
- (v) working together with the group members(Dr. Keiichi Miyasaka & a PhD student), and EEWS program members.

Salary, health insurance, pension, insurance for the accident and holiday will be provided based on the rule at KAIST. Information will be provided on request through an administration staff.

The period is one year for the first instance and will be extendable by mutual agreement until 2014.

Applicants should submit by an e-mail a complete CV and the names of three referees (with e-mail addresses) to Prof. Osamu Terasaki (both terasaki@kaist.ac.kr & terasaki@mmk.su.se).

We will start reviewing applications after 1st April, 2010 and the search will continue until the position is filled.