

**WPI Advanced Institute for Materials Research of Tohoku University  
Recruitment of Researchers in Mathematics Unit**

**Number of positions:**

Two Associate Professors and three Assistant Professors

In research groups led by Motoko Kotani (Principle Investigator), Yasumasa Nishiura (Principle Investigator, from 2012)

**Starting date:**

October 1<sup>st</sup>, 2011 or earliest possible date

**Research Fields**

Mathematics, to collaborate with Physics, Chemistry or Materials Science

**Employment conditions:**

Employment conditions: (1) Salary; Associate and Assistant Professor: an annual income system is employed according to the rule of Tohoku University (2) Research fund; Cooperative research together with PI who manages the research fund is recommended, but independent research proposals for associate and assistant Professors are also encouraged. (3) Term: in principle five year term but every two years there is review process.

**Documents for application:**

- (1) CV (Including current address, telephone number and e-mail)
- (2) Publication list
- (3) Outline of research accomplishments, and research proposal at WPI
- (4) References (Name and contact address of two persons who know applicants well)
- (5) 2 copies of Major Papers within three titles

The files of the above documents (pdf) should be sent to the following e-mail address; wpi-shomu\_at\_wpi-aimr.tohoku.ac.jp, or the print-out documents should be sent via regular mail to the following address; WPI Advanced Institute for Materials Research, Tohoku University, 980-8577 Katahira 2-1-1, Aobaku, Sendai, Japan

**Application deadline:**

June 6<sup>th</sup> (Mon), 2011

**Outline of the Mathematical Unit in the WPI-AIMR**

Tohoku University WPI Advanced Institute for Materials Research was established on October 1<sup>st</sup>, 2007 following the adoption of the International Advanced Materials Science Research Center Plan, which we proposed, and was included as one of the top five programs, to the World Premier International Research Center Initiative (WPI Program) run by the Ministry of Education, Culture, Sports, Science and Technology. The institute aims to establish a new paradigm of Material Research fused with Physics, Chemistry, Biology, and Engineering groups. The Mathematics Unit is expected to be a key to make breakthroughs in Materials Research by providing universal viewpoints over different disciplines. It clarifies the fundamental mechanism beyond various levels of hierarchy of complex systems of functional materials in space and time.

**Applications from, or nomination of, women and minority candidates are encouraged.  
Tohoku University WPI-AIMR is an affirmative action/equal opportunity employer.**