International Workshop on Interface Science for Novel Physical Properties and Electronics

The Research Center of New Functional Materials for Energy Production, Storage and Transport (RCNFM), Okayama University will have an International Workshop on 9 – 11 December 2013 at Okayama University. More than 15 invited speakers from US, Switzerland, France, Italy, Germany, China and Japan will participate in this workshop and give talks on their recent works. The speakers from Okayama University will also provide their recent topics in this workshop. The RCNFM has an intention to make a new international consortium for solid state physics and applied physics based on the network with oversea researchers as well as researches at Japanese Universities / Institutes other than Okayama University. In this workshop, we will actively discuss and talk on various topics on solid state physics and applied physics. The main topics on this workshop is follows:

1. Superconductivity based on 2D layered materials
2. Interface superconductivity and field-effect induced superconductivity
3. New superconductors and their physics and chemistry
4. Physics of graphene and topological insulators
5. Organic electronics: chemistry, physics and interface science
6. New energy device: solar-cell application of new materials.

The venue of this workshop is the lecture room of the first building of Faculty of Science, Okayama University. This workshop is supported by the program for Promoting the Enhancement of Research Universities, Ministry of Education, Science, Sports and Culture (MEXT); the RCNFM is one of the cores of this program in Okayama University.