

KINKEN WAKATE 2012 9th Materials Science School for Young Scientists and Students

KINKEN WAKATE 2012, 9th Materials Science School for Young Scientists and Students, was held on 26th-November in 2012 in Institute for Materials Research. Four world's leading scientists were invited as lecturers, who gave excellent lectures about neutron and X ray scattering from basic introduction to some latest results.

KINKEN-WAKATE is an official annual event of Institute for Materials Research (IMR) since 2004. The attendees can learn advanced materials science and novel experimental techniques by experts' lectures. KINKEN WAKATE 2012 was held on 26th-November in 2012 in IMR, (Secretary: Dr. Ohoyama and Dr. Hayashi), organized by Center of Neutron Science for Advanced Materials Science, under full financial support of ICC-IMR. Four world's leading scientists were invited as lectures about introduction of neutron and X-ray scattering and its applications in novel materials science. Prof. Noda of Tohoku Univ. gave a excellent lecture about Introduction of Neutron and X ray scattering for material science. Prof. Jun'ichiro Mizuki, President of the Japanese Society for Synchrotron Radiation Research, gave a comprehensive lecture about material science in SPring-8, entitled "Introduction of Synchrotron Radiation X-ray Scattering - dynamics in materials and a proposal of marriage between X-rays and Neutrons- ". Dr. Seongsu Lee of Korea Atomic Energy Research Institute, Korea, gave a practical lecture about structural

investigations using neutron diffraction. Finally, Prof. Seunghun Lee of Univ. of Virginia, USA gave an impressive lecture about spin dynamics using neutron inelastic scattering.

19 young researchers attended, and enjoyed lectures and discussions in quantum beam science. In particular, in the night session, the attendants had beneficial opportunities to present their own investigations to the lecturers.



Fig.1 Discussion with Prof. Mizuki, President of the Japanese Society for Synchrotron Radiation Research



Fig.2 Lecture by Prof. Sunghun Lee (Univ. Virginia, USA) in his lecture about spin dynamics investigations by neutrons.