

## KIST-Tohoku University Joint Symposium –Advanced Materials and Devices-

Korea Institute of Science and Technology (KIST) is a long-term partner institute of IMR. Alternating “KINKEN-KIST joint symposium” in Sendai and Seoul are important for connecting each researches by exchanging the idea in the broad range of the materials science. In 2017, “Tohoku University – KIST joint symposium” was held at KIST including the medical fields.

“KIST - Tohoku University Joint Symposium” was held at KIST (Korea Institute of Science and Technology) campus in Seoul on 21-22 November 2017. Tohoku University has a long history of academic exchange with KIST. As a commemoration of concluding university - level academic exchange agreement between KIST and Tohoku University in 2016, Institute for Materials Research (KINKEN) and KIST jointly held a seminar “KINKEN-KIST joint seminar” in Sendai, and that led to this symposium in Seoul in this year. In this Seoul symposium, researchers of Institute for Materials Research and Graduate School of Medicine were joined to open the joint symposium. Two sessions of "Advanced materials and devices" and " Biomolecular signatures in health care" were held in parallel.

Prof. Sasaki, deputy director of IMR, and seven IMR researchers participated in this symposium from IMR by supporting from ICC-IMR. Starting from Prof. Sasaki's presentation about introduction of IMR, wide range of research topics such as spintronics, crystal growth and nano-porous metal were

presented. From KIST side, broad range of research activities in KIST such as spintronics, organic semiconductor and quantum computer were given. Vigorous discussions were exchanged throughout the symposium. In the next day (22 November), lab tours in Post-silicon Semiconductor Institute (PSI), KIST and group discussions were carried out.

We will deepen an academic relationship with KIST continuously through holding symposium alternately from next year.



Fig. 2 Lecture on “Spin current physics” by Prof. Eizi Saitoh, IMR



Fig. 1 Group photo of Tohoku University - KIST symposium -Advanced materials and Devices

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