

The Second JSPS-York-Tohoku Symposium

10-12 June 2013 the second JSPS-York-Tohoku Symposium on Magnetic Materials and Spintronic Devices was held at the University of York. The event was supported by the JSPS London Phase 2 Symposium Scheme which supports follow-on events and in this case helped build on the success of the first event held two years ago in June 2011. There were 33 speakers, 12 of these were from Japan, representing NIMS, JAEA and Tsukuba as well as Tohoku University and there were 89 participants in total. The first day of the symposium had a number of special features as well as 10 invited talks on spin memories and high-frequency operation. A poster session was held in the afternoon where 32 posters were presented by students from many universities in the UK, Japan and Europe. Video presentations were also made by the York JEOL Nanocentre which is a cooperative venture between JEOL UK Ltd and the University. At the close of the first day of the symposium a special session was held on the funding mechanisms and collaborative possibilities between the UK and Japan. Presentations were made by JSPS London, the EPSRC and the Institute of Physics Publishing. On the Tuesday an industrial view on spintronic devices was given by Dr Marcus Ormston, a senior engineering manager of Seagate Technology in Northern Ireland, followed by a further 13 invited talks on magnetic materials, structure and interfacial magnetism as well as spin-current devices. At the end of the second day Professor Koki Takanashi of Tohoku University presented the IEEE Magnetics Society Distinguished Lecture entitled "Advanced spintronic materials for generation and control of spin current."

The symposium continued with 6 invited talks on spin motive force and applications and ended at lunchtime on Wednesday the 12th June. At its conclusion visitors were taken on a conducted optional tour of the York JEOL Nanocentre and the PRESTO laboratories and laboratories of the Magnetic Materials Research Group within the Department of Physics at the University. The local organizer Dr. Atsufumi Hirohata based at York University, has received much praise from the attendees for organizing such a large scale, scientifically high quality meeting and it has been broadly agreed that a follow-on symposium should be held in Tohoku University in 2014.



Professor Koki Takanashi, Tohoku University presenting the IEEE Magnetics Society Distinguished Lecture



Symposium attendees