

Editorial Forward E36

April 29, 2016 (E36). We included in this issue an invited review preprint, and both slide presentations and preprints from three recent conferences:

- 8th Asian Conference on Applied Superconductivity and Cryogenics (ACASC 2015, Hangzhou, China, November 22 to 25th, 2015),
- 28th International Superconductivity Symposium (ISS 2015, Funabori, Tokyo, Japan, November 16 to 18th, 2015),
- 24th International Conference on Magnet Technology (MT-24, Seoul, Korea, October 18 to 23rd, 2015).

The invited preprint is an introductory review by Diemar Drung on Nb-based SQUIDs, which is actually part of a chapter in the forthcoming book “Josephson Junctions: History, Devices, and Applications”, to be published in the near future by Pan Stanford Publishing.

From ACASC 2015 we selected four plenary slide presentations, all not submitted for paper publication: Jie Li*, provides an overview of a Chinese effort in superconductivity standardization, Liye Xiao discusses prospects for superconducting cables, fault current limiters and transformers in the Chinese power grid, and Yanwei Ma reviews own development of Fe-based Sr-122 conductor wires at IEEE, Beijing, China. Finally, Tomohiro Kagiya presents the strongest (reinforced) Bi2223 wires developed at Sumitomo for very high field magnets.

Four slide presentations (not submitted for paper publication) were also selected from ISS 2015: a special annotated plenary by Shin-Ichi Uchida on the “Road to higher T_c ” and three invited talks as follows: Lixing You reviews SIMIT (Shanghai, China) work on single-photon detectors and their application to quantum communication, Michael Eisterer (Atominstitut, Vienna, Austria) et al. reports on current flow investigation in polycrystalline Fe-based superconductors using scanning Hall probe microscopy, and Xin Yao (Jiao Tong Univ., Shanghai) discusses recent progress in bulk ReBCO.

Most of the MT-24 material selected is available in SNF Issue No. 35. Here, we included: an additional invited preprint and slide presentation by R.Gupta et al. (Brookhaven National Lab, USA) on large aperture HTS SMES coils, an invited annotated presentation by Peter Smeibild et al. (HZB, Berlin, Germany and NHMFL, Tallahassee, USA) on the first hybrid magnet for neutron scattering studies at HZB, and five paper preprints that were runners up in the SNF Contest for Best Contributed MT-24 Papers and will be published in IEEE Transactions on Applied Superconductivity. There were no winners in that Contest.