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Preface



This special issue of Journal of Magnetism and Magnetic Materials (JMMM) is a collection of selected papers presented at the International Conference Euro-Asian Symposium "Trends in Magnetism" (EASTMAG-2016), held at the Siberian Federal University and Kirensky Institute of Physics, Federal Research Center, Krasnoyarsk Science Center of Siberian Branch of Russian Academy of Sciences, Krasnoyarsk, Russia, during August 15-19, 2016. The papers were selected for publication after an intensive peer review, with a minimum of two reviewers for every paper. The editors would like to place on record the unstinted support received from over 130 reviewers which culminated in the selection of 61 manuscripts for publication. We take this opportunity to thank every one for participating in the EASTMAG-2016. As it happened in the previous EASTMAG-conferences of this once in three years scientific event, the EASTMAG-2016 covered a large spectrum of subjects that attract the interest of a wider community devoted to magnetic materials and their applications. The five days conference comprised special sessions for **Section 1. Fundamental magnetic properties, 2. Magnetism and Superconductivity, 3. Magnetism of strongly correlated electronic systems, 4. Transport phenomena and spin electronics, 5. Dynamics of spin systems and magnetic resonances, 6. Magneto-optics and X-ray magneto-optics, 7. Ultrafast magnetism, 8. Magnonics, 9. Magnetic nanoparticles and granular systems, 10. Low dimensional magnetism and nanostructured materials, 11. Magnetic memories.** With more than 430 registered participants from 19 countries comprising researchers from universities, academia, scientists and engineers from R&D institutions and industry, EASTMAG-2016 provided a perfect platform for an excellent interaction among all participants. Overall, the conference was well received with a keynote, seven plenary, eighty eight invited, one hundred oral and

more than two hundred poster presentations. We would like to place on record with thanks the constant encouragement and support received from the Rector and the staff of Siberian Federal University for hosting this conference. The success of hosting the EASTMAG-2016 is largely due to the sponsorship extended by the Russian Foundation for Basic Research, NPP "Radio-sviaz" Krasnoyarsk, Center of Technical support "NAUKA" Moscow, Cryotrade Engineering Company Moscow. We thank every one of them. It is the pleasant duty of the organizers to record and thank the excellent support received from the Editorial and Publishing team of JMMM. We hope that the readers will find this special issue of EASTMAG-2016 exciting as well as useful for stimulating further research activities and conjecturing future trends.

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