

Foreword

This special issue of Solid State Phenomena contains contributed peer-reviewed papers from the 6th Moscow International Symposium on Magnetism MISM-2014 held at the Faculty of Physics, Lomonosov Moscow State University, during June 29 - July 3, 2014.

This international meeting of scientists working in magnetism and related areas has been held every three years after the first Symposium in 1999. During the past 15 years MISM grew from the local workshop to the largest international conference on magnetism in Russia. The number of participants and the scientific level of contributions make MISM one of the representative conferences on Magnetism in the world. MISM-2014 was organized and supported in the framework of the EU-Russia Year of Science.

There were registered 953 applications to participate in MISM-2014, nearly 750 scientists took part in Symposium directly – they have presented more than 800 accepted contributions. MISM-2014 scientific program consisted of four working days and included 8 plenary lectures on the most actual topics in modern magnetism, oral meetings in 12 sections where 363 talks have been given, and relevant poster sections with more than 450 presented posters. In addition to more than five hundred Russians 211 colleagues from 34 countries have participated in Symposium. The most numerous delegations were from Germany (46 participants), Japan (43 participants) and France (25 participants). From the former Soviet Union, there were 9 colleagues (Ukraine, Belarus, Latvia and Moldova).

The scientific program of MISM-2014 included all of the most interesting and relevant areas of modern physics of magnetic phenomena and materials which were presented from the hundreds of scientific research groups.

To give the plenary talks the world leading scientists were invited from Russia, Germany, France, USA and Japan, they overviewed the advanced research ideas and projects.

More than 270 manuscripts have been submitted as Proceedings of MISM-2014. After a rigorous peer-review process, about 240 manuscripts were accepted for publication in two volumes - special issue of JMMM (Elsevier) for invited talks and this Solid State Phenomena volume (Trans Tech Publications Inc.) for regular contributions.

The Organizing, Program and International Advisory Committees would like to thank all participants for their valuable contributions that made this meeting remarkably successful. We also would like to thank the session chairpersons and invited reviewers for their cooperation and assistance, which was essential for the high scientific quality of MISM-2014 program and Proceedings, as well as TTP Team for experienced editorial support. Finally, the work of Local Organizing Committee should be particularly acknowledged – all members perfectly handled their assigned tasks working as one well-coordinated team.

We hope you will read the papers from this special issue of Solid State Phenomena with interest and pleasure, which we had while editing it. In addition, we would like to invite you to attend our next Symposium MISM-2017 (see <https://mism.magn.ru>).

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