

Preface

The Forth Moscow International Symposium on Magnetism MISM2008, dedicated to the centenary of the Prof. E.I.Kondorskii, took place at the Moscow State University, Moscow, Russia, from June 20 to 25, 2008, it is happened every three years after first symposia held in 1999. During past 9 years MISM grew from a local meeting of magnetologists to the largest international conference on magnetism in Russia. The quantity of participants and scientific level of MISM make it one of the representative conferences in the world. The main emphasis of the symposium in Moscow was on new developments in low dimensional magnetism, magnetic semiconductors and oxides, transport phenomena and spintronics, magnetophotonics, HF magnetic properties and metamaterials, shape memory alloys and magnetocaloric effects, magnetic properties of the strongly correlated systems and superconductivity, medicine and geophysics, and applications. The trends of magnetism were also discussed. The Moscow symposium was attended by 586 participants from 41 countries presenting more than 600 contributions. It was run in six parallel sessions for oral presentations, composed of eight plenary lectures, 120 invited and 120 selected lectures. The remaining 450 communications were presented as posters divided in five sessions, spanning the 24 planned topics. Out of these, 76 invited papers were published in a special issue of Journal of Magnetism and Magnetic Materials. The other selected papers are presented in this special issue of "Solid State Phenomena" (due to kind help of publishing house "Trans Tech Publications Ltd" <http://www.ttp.net>). We are grateful to the invited speakers and to the authors who contributed to Proceedings for their cooperation. Their assistance has been essential for the high scientific quality and variety of subjects attained in our Proceedings. The Local Organizing and International Advisory Committees would like to thank all participants for their valuable contributions which made this meeting a remarkable success. The Program and Publication Committee would like to thank the session chairpersons and the referees for their help in selecting the abstracts and for providing thorough reviews of the submitted manuscripts. The successful MISM Symposium was made possible by generous financial support provided by the following sponsors which are gratefully acknowledged: Moscow State University, Russian Foundation for Basic Research, Dynasty Foundation (Moscow), Institute for Theoretical and Applied Electromagnetics of Russian Academy of Sciences (ITAE RAS), European Physical Society, 147th Committee of Japanese Society for Promotion of Science, Kapitza Institute for Physical Problems, NT-MDT Nanotechnology. The work of the Local Organizing Committee members, although working as a team, was the responsibility of each one in his allotted task.

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