

Preface

The series “Hungarian Conference and Exhibition on Materials Science, Testing and Informatics” was intended to provide a forum where Hungarian and foreign scientists and research groups interested in metals and alloys, silicates, polymers and composites get an opportunity to exchange and publish ideas and establish new and integrated partnerships. The 6th Hungarian Conference on Materials Science (with this abbreviated name) was held at the Balaton lakeshore in Siófok, October 14-16, 2007.

The conference was organised in five sections:

- Classical Materials and Technologies – including the topics of Mechanical Engineering, Electrotechnics, Energetics, Ceramics, Polymers
- Special Materials and Technologies – including Nanotechnology, Biotechnology and other Specialities
- Modern Research and Characterization Methods
- Modelling and Materials Informatics
- Innovative Products and Technologies – including Industrial Applications, Technologies and Properties

A round table discussion complemented the program dealing with the possibilities of forming a Hungarian platform in the field of materials science.

The organisers present this volume as a reviewed selection of papers submitted to publication by participants. Chapters in the proceedings follow the above sections of the meeting.

The organisers express their gratitude to all sponsors. Thanks are due to organising societies, as the Hungarian Materials Science Society, the ASM Hungary and to other Hungarian scientific and engineering societies for their support.

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Dénes ZSÁMBÓK
Chairman of Organising Committee

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