

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 5th Hungarian Conference and Exhibition on Materials Science, Testing and Informatics was held at the Balaton lakeshore in Balatonfüred, October 9-11, 2005.

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

Plenary talks on the first day involved keynote lectures by representatives of invited scientists from abroad and from Hungary on special scientific topics.

Round table discussions complemented the program dealing with

- The State and Possibilities of Nanotechnologic Research in Hungary
- Structural Change of Higher Education after Entering BSc and MSc Degrees
- Innovation Strategy – R&D Supportion – Frame Programs

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.

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Dénes ZSÁMBÓK
Chairman of Organising Committee

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