

Preface

The GMe Forum continues a long series of seminars on microelectronics technology which have been organized by the Society for Micro- and Nanoelectronics (*Gesellschaft für Mikro- und Nanoelektronik – GMe*; originally “*Gesellschaft für Mikroelektronik*”) since its foundation in the mid-1980s. The original seminars addressed a purely academic audience. The first GMe Forum in its current form has taken place at the Vienna University of Technology in 2001. The GMe Forum is designed to appeal to university researchers as well as to more application-oriented participants, particularly from Austrian industrial enterprises and governmental organizations. Most of the oral presentations are reviews presented by top-level speakers from international industry and research facilities. A number of Austrian university institutions also present their results as oral presentations or as posters.

The Society for Micro- and Nanoelectronics is mainly financed by the Federal Ministry for Traffic, Innovation and Technology (*Bundesministerium für Verkehr, Innovation und Technologie*). Its goal is to promote micro- and nanoelectronics research and technology at Austrian universities with the main aim to stimulate the transfer of know-how to the Austrian industry. The GMe endeavors to meet its goals by organizing seminars such as the GMe Forum and by fostering the communication between the micro- and nanoelectronics oriented Austrian university groups, thus creating cooperations and synergies by coordinating the introduction of new technology infrastructure in this equipment extensive research field.

We hope that the proceedings will promote the impact of the GMe Forum 2011, and that they will contribute to an even better international cooperation of the Austrian micro- and nanoelectronics research at academic institutions and in industry.

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Ao.Univ.Prof. Dr. Karl RIEDLING
Secretary General of the GMe