

Preface

The 28th Regional Conference on Solid State Science Technology 2014 RCSSST 2014) was jointly organised by Universiti Teknologi MARA Pahang (UiTM Pahang) and the Malaysian Solid State Science and Technology Society (MASS). This conference covered recent advancements and trends in the area of solid state science and technology to facilitate knowledge sharing, networking and interaction among scientists, academics, researchers and engineers, as well as exchanging information on emerging trends and new challenges in this field. The RCSSST 2014 also provide a platform for discussion on all aspects of solid-state science and technology including its physical and chemical properties, methods of preparation and characterization, optical properties, as well as the structure of the macro, micro and nano.

The conference was held on 25 – 27 November 2014 in Cameron Highlands, Pahang. There were 280 abstracts received of which 220 were presented including five keynotes address during the two days conference. The major topics covered in this book are:

Metal and Alloys, Ceramics and Glasses, Optical and Photovoltaic Materials and Devices, Dielectrics, Magnetic Materials and Semiconductors, Nanoscience and Nanotechnologies, Electrochemical Materials and Devices, Superconductors, Thin Film Materials and Devices, Polymers, Composites, Compounds and Biomaterials and Solid State Theory, Simulation and Computation.

One hundred and eight papers were selected to be included in this book

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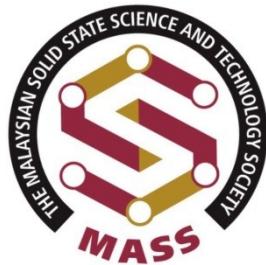
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