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FOREWORD

The 22 selected papers in this special issue were presented in *The 2nd Materials Research Society of Thailand International Conference (MRS-2019)* held during 10-12 July 2019 at The Zign Hotel, Pattaya, Thailand. The conference was jointly organized by the Materials Research Society of Thailand (MRS-Thailand) and Suranaree University of Technology with Khon Kaen University and Kasetsart University as co-organizers.

The conference covered all fields of materials research divided into 17 different symposia, namely: Emerging Solar PV, Energy Storage Materials and Energy Harvesting Materials; Graphene and Carbon Materials; Dielectrics, Piezoelectrics, Ferroelectrics, Thermoelectrics and Superconductors; Magnetic Materials and Their Applications; Materials in Design Manufacturing and Applications; Ceramic and Glass Technology; Polymers, Rubber, Bioplastics, Colloids and Emulsions; Biomaterials and Applications; Sensors, Organic Electronics and Printed Electronics; Composites and Construction Materials; Computational Materials Science; Surface Sciences, Tribology and Thin Film Technology; Catalyst and Materials Chemistry for Green Environment; Instrumentation and Materials Characterization; Future of Materials: Education, Research and Industry; Rheology; and Quantum Materials and Technologies.

Altogether there was a total of 261 oral presentations including 6 plenary lectures, 20 keynote lectures and 60 invited lectures. In addition, the lecture program was supported by 247 poster presentations. The conference was attended by 615 registered participants from 12 different countries, namely: United States of America, Singapore, United Kingdom, Japan, Australia, Korea, Taiwan, China, Malaysia, India, Indonesia and Thailand.

In publishing this special issue, the Editorial Board of the *Chiang Mai Journal of Science* would like to thank the organizers of MRS-2019 and the respective authors of the papers for choosing to make this select collection of papers available to the Journal for wider dissemination to the scientific community. All of the papers have been peer reviewed for which special thanks are due to the conference's Technical Committee members.

Dr. Robert Molloy
Associate Editor
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