

Preface

The 12th International Conference on Materials and Manufacturing Technologies (ICMMT 2021) was held during April 23-26, 2021, which is expected to be held annually. This conference aimed to bring together researchers and practitioners to share recent advances in the broad areas of materials and manufacturing technologies, exchanging novel insights and inspiring new direction in research and applications.

Like many other conferences in 2021, ICMMT 2021 switched to a completely online format. Despite the loss of certain benefits of face-to-face meetings, the conference was successful and well-received by participants. The topics covered in the proceedings are in the major areas of materials science and materials processing technologies: nanomaterials, polymers and composites, materials for energy storage and electrotechnical application, technologies and materials for waste treatment, technologies of structural metals processing, building materials.

The conference would not have been possible without the help of many people and organizational partners. Our sincere appreciation goes to all authors, including those whose papers were not included in the proceedings. Many thanks are also due to our distinguished keynote speakers for their valuable contribution to the conference. They are Prof. Guo-Quan Lu, IEEE Fellow, Virginia Polytechnic Institute and State University, USA; Prof. Andrew Y C Nee, National University of Singapore, Singapore and Prof. Fu Ming Wang, The Hong Kong Polytechnic University, China.

Our deepest appreciation goes to all Conference Committees members and reviewers for their critical review of the submitted papers. We are also very grateful to the invited speakers to share their insights and experience. Last but not least, we would like to extend our most profound appreciation to all the authors who have submitted their excellent works to the conference, as well as all other participants who actively participated in the event.

Best wishes,

Prof. Vladimir Khovaylo, National University of Science and Technology, Russia

Prof. Fu Ming Wang, The Hong Kong Polytechnic University, China