

## Preface

2019 8th International Conference on Engineering and Innovative Materials took place in Tokyo Denki University, Tokyo, Japan during September 6-8, 2019. The conference provides a platform for researchers, scientists, developers, and practitioner to discuss the topics on frontiers of engineering and innovative materials and share state-of-art research results, for exploring new areas of research and development, and to discuss emerging issues in the fields of engineering and innovative materials with participants from all over the world, both from academia and from industry. Their research results are reflected in every paper received, with participants coming from several countries, allowing a real multinational and multicultural exchange of experiences and ideas.

The proceedings of ICEIM 2019 records the fully refereed papers presented at the conference, which include 48 excellent papers selected from more than 86 submitted papers whose authors are from over 18 countries, such as Canada, Australia, United Kingdom, Japan, Turkey, Czech Republic, South Korea, Germany, China, Malaysia, Thailand and Indonesia. All papers published in the proceedings have been peer reviewed by the reviewers drawn from the technical committee members and external reviewers depending on the subject matter of the paper. Its scope includes but not limited to: Nanomaterials and Nanostructures, Building Materials and Engineering, Metal Materials, Composite Materials, Material Manufacturing and Processing, Mechanical Design and Manufacturing, Material Science and Engineering. After the rigorous peer-review process, the submitted papers were selected on the basis of originality, significance, and clarity for the purpose of the conference.

We would like to thank the publicity chair, the program chairs and the steering committees especially, for putting everything of the conference together, as well as all the technical committee members and reviewers for their excellent work in reviewing the papers and their efforts. We are grateful to all those who have contributed to the success of ICEIM 2019. Especially, we appreciate great support of Prof. Akira Yanagida at Tokyo Denki University for arrangement of the conference venue and the technical tour during the conference. We hope that all participants and other interested readers benefit scientifically from the proceedings.

With very best wishes

Prof. Emeritus Dr Muhammad Yahaya, Universiti Kebangsaan Malaysia, Malaysia

Prof. Hisaki Watari, Tokyo Denki University, Japan

Prof. Takahiro Ohashi, Kokushikan University, Japan

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