

## Preface

We are pleased to introduce the proceedings of the 2018 International Joint Conference on Metallurgical and Materials Engineering (JCMME 2018). The conference was held in Wellington, New Zealand on December 10 to 12, 2018. A major conference theme was related to the recent advances of Metallurgical and Material Engineering. This event was organized by International Academy of Science and Engineering for Development (IASSED) as part of their commitment to spread the recent development of researches in engineering and related sciences.

This conference provided many opportunities for delegates to exchange new ideas directly, to build business or research relationships, and to find global partners for future cooperation. Their contributions have supported this conference into an extraordinary one. The results of the conference have significantly contributed to the knowledge in the latest scientific fields, encouraging interaction between researchers and academic improvement in a more established scholastic community.

The internationally acclaimed distinguished professors and distinguished experts delivered keynote speakers to enthusiastic audience, sharing their in-depth experiences of challenges and future trends, which made this conference remarkable. The participants had the privilege of hearing from the main researchers in their fields, as they presented the latest findings from their work.

This conference has provided a great experience for participants from all over the world, with an excellent technical program and social activities. The conference was a huge success with a lot of peer reviewed papers from various nations presented to maintain the promise of contributors on a global scale. The number of delegates of the conference was also highly gratifying, indicating a high level of international enthusiasm in the subject of Metallurgical and Material Engineering.

These proceedings will provide a permanent record of what has been presented and complement world scientists with good references. The results of this conference are an encouragement to stimulate further study and research in all scientific fields. We thank all contributors for their support and participation in making this conference a great success.

With our warmest regards,

Assoc. Prof. Dr. Willyanto Anggono, S.T., M.Sc.  
On behalf of The Conference Committee