# **Preface**



The 1<sup>st</sup> International Conference on Precision Machinery and Manufacturing Technology 2015 (ICPMMT) was held at Howard Beach Resort, Kenting, Taiwan on May 22-24, 2015. The papers submitted to ICPMMT 2015 were recommended to KEM (EI Compendex) through the peer reviewing process.

The 2<sup>nd</sup> ICPMMT 2017 was held at Howard Plaza Resort, Kenting, Taiwan on May 19-21, 2017. **And the 3<sup>rd</sup> ICPMMT 2018 has been taken place in Auckland, New Zealand on 4-8 February, 2018**. After conference, all papers submitted to ICPMMT 2017 and 2018 were recommended to

MATEC Web of Conferences, Open-access Journal in Materials science, Engineering and Chemistry (Google Scholar, CAS, EI Compendex, Inspec, DOAJ, Web of Science, Scopus). All papers through the peer reviewing process can be published in MATEC Web of Conferences. This year the 4<sup>th</sup> ICPMMT 2019 is back to Howard Plaza Resort, Kenting, Taiwan on May 24-26, 2019. All papers through the peer reviewing process can be published Key Engineering Materials with EI Compendex.

### The topics are as follows:

- Design & Manufacturing
   Machinery, Aerospace, Fasteners, Electronics, Plant, Robot, EV, Hybrid Car, CAD, CAE, CAM, PLM, SCM, Optimization, Reverse Engineering
- 2. Processing Technology
  Machining, Forming, Grinding, Casting, Forging, Molding, Welding, Joining, Micro Nano, Lase,
  Energy-Beam, Printed Electronics, 3D Printing, RP&M, R2R, Electro-Chemical, Non-traditional,
  Re-manufacturing, Recycle, MQL, Smart Manufacturing
- 3. Green Manufacturing and Materials Application
  Light·Eco-friendly Material & Structure, Natural, Bio-inspired, Light-weight, Flexible, Powder,
  Multifunctional, Metals, Ceramics, Polymers, Composites, FGM, Graphene, Smart Material &
  Structure, Photonic, Display
- 4. Automation and Intelligent Robot
- 5. Information Integration and Communication Technology
- 6. Industry 4.0 Technology
- 7. Energy and Nano, Micro Technology
- 8. Educations and Training
- 9. Related Topics to Precision Machinery and Manufacturing Technology
- 10. Other Topics

In ICPMMT 2019, Prof. Cheng Lu from Wollongong University, Australia (The topic: Numerical Simulations of Crystallographic Orientation Evolution during Accumulative Roll Bonding), Prof. Man-Soo Joun from Gyeongsang National University, Korea (The topic: Accuracy of Metal Forming Simulation), and Prof. Jong-Ning Aoh from National Chung Cheng University (The topic: Friction Stir Additive Manufacturing (FSAM)-- Review from Shape Welding and Laser Additive Manufacturing) are invited as keynote speakers. They are very famous in innovation materials, manufactures and metal forming research field, and once again to thank them for strong supports to ICPMMT 2019. I hope all of you can enjoy this lovely place, Kenting, Pingtung, Taiwan, and to absorb excellent knowledge and technologies from these wonderful speeches and oral presentations in ICPMMT 2019.

On behalf of organization committee, I would like to thank Cheng Shiu University, Chung Cheng University, and Changhua University to assist ICPMMT 2019 being successful by way of financial supports.

Thanks for many authors providing your excellent contributions to ICPMMT 2019. Next conference will be held on 3~7 Feb 2019, in New Zealand.

Gow-4i Tzou

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