

## Preface

The Pure and Applied Chemistry International Conference 2019 (PACCON 2019), held during February 7-8, 2019, was hosted by The Chemical Society of Thailand under the Patronage of Her Royal Highness Princess Chulabhorn Mahidol and Mahidol University. This year's conference also commemorated the 60th anniversary of the Department of Chemistry, Faculty of Science, Mahidol University. Since its inauguration in 2002, the PACCON has emerged as one of the series of successful co-sponsored international scientific conferences in the Asia-Pacific region. PACCON has been a common ground for scientists from all over the world to present new ideas, share experiences, gain insights in cutting-edge chemistry research and education, and stimulate the initiatives for collaboration. This year more than 1,000 participants worldwide attended the conference.

The theme of this conference was "Together for the Benefit of Mankind" aiming to promote and stimulate the synergistic interactions and collaborations between researchers from different branches of chemistry including catalysts, nanomaterials, renewable energy applications and inorganic materials.

This special volume of Key Engineering Materials contains some of the contributions presented at the conference. It broadly covers disciplines relating to chemistry of materials from fundamental research to industrial applications.

On behalf of the conference organizing committee, we should like to express our sincere appreciation to the reviewers for their valuable inputs to these papers. We should also like to thank all technical committee members and authors who have contributed to the success of the conference.

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