

Preface GCMN 2019

The 2019 3rd International Conference on Green Composite Materials and Nanotechnology (GCMN 2019), co-organized by AEIC Academic Exchange Information Centre and Association Franco-Chinoise en Sciences et Technologies, was successfully held on November 15-17, 2019 in Shenzhen, China. GCMN 2019 is to bring together innovative academics and industrial experts in the field of Green Composite Materials and Nanotechnology to a common forum. The primary goal of the conference is to promote research and developmental activities in Green Composite Materials and Nanotechnology and another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working all around the world. The conference will be held every year to make it an ideal platform for people to share views and experiences in Green Composite Materials and Nanotechnology and related areas.

It was wonderful to have around 200 participants representing various universities at home and abroad attended this conference. We were very honored to have Prof. Ziad Moumni, Shanghai Jiaotong University and Prof. David BASSIR, University of Bourgogne Franche-Comté (UTBM) and Researcher at ENS-CMLA, as our Conference Chairman. Three excellent keynote speakers representing different top-level universities at home and abroad have shared their valuable and remarkable speeches on economic management and model engineering at the conference.

We are pleased to introduce the proceedings of GCMN 2019 which contains a selection of papers from contributed presentation at the conference. The proceedings features recent results and contemporary research in materials science and technologies of materials processing. All the papers have been through rigorous review and process to meet the requirements of the international publication standard.

On behalf of the committee, we would like to express our gratitude to the distinguished speakers who have come to share their valuable findings and knowledge, to the chairman and all participants, who contributed a lot and made this conference a great success. We would also like to thank the contributors for submitting their papers and patiently revised them according to the suggestions of the designated reviewers.

Finally, we hope that all the articles in this conference can provide a valuable summary and reference for researchers in this field.

The Organizing Committee of GCMN 2019

Committee Member

Conference Chairman

Prof. Ziad Moumni, Shanghai Jiaotong University, China

Prof. David BASSIR, University of Bourgogne Franche-Comté (UTBM) & Researcher at ENS-CMLA, France

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A. Prof. Fei Peng, Sun Yat-sen University, China

Prof. Yifeng Zhong, Chongqing University, China

Prof. Xinli Guo, Southeast University, China

Preface ICPSA 2019&CMME 2019

The 2019 International Conference on Polymer Synthesis and Application (ICPSA 2019) and 2019 International Conference on Composite Materials and Metallurgical Engineering (CMME2019) have been held on November 15 to 17, 2019 in Shenzhen, China. ICPSA 2019-and CMME 2019 provides an enabling platform for innovative academics, engineers and industrial experts in the field of Composite Materials and Metallurgical Engineering and Polymer Synthesis and Application to exchange new ideas and present research results. This conference also promotes the establishing of business or research relations among global partners for future collaboration.

The Conference work was carried out in 2 sections:

- Composite Materials and Metallurgical Engineering
- Polymer Synthesis and Application

All submitted papers were reviewed by appropriately qualified experts in the field selected by the Conference Committee. After the tight selection procedure, good quality papers were accepted for oral presentation and publication in this proceeding. We hope that this volume will not only provide the readers with a broad overview of the latest advances but also provide the researchers with a valuable summary and reference in this field.

On behalf of the organizing committee and scientific committee of the ICPSA 2019 and CMME 2019 we would like to express our gratitude to all the participants, presenters, technical reviewers, and all collaborative partners for their contributions to the conference. We would like also thank the contributing authors for submitting papers and for being very patient to revise them multiple times based on the recommendations of the assigned reviewers.

As well, we would like to thank the technical committee members, who get the papers from the contributors being reviewed by suitable experts. We have received valuable feedback from all the participants, which will help us in organizing such conferences in a better way in the coming future. Additionally, we place on record our sincere gratitude to the chairperson of each and every conference session, for decently conducting the oral presentation of the technical papers and coordinating the discussions among the participants. The discussions and deliberations during the sessions are sure to be valued by the participants.

The Organizing Committee of ICPSA 2019&CMME 2019

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Prof. Weihua Dan, Sichuan University, China

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