Preface

It was a great pleasure to welcome all the participants from different countries to the 2021 International Conference on Electronic Materials and Information Engineering (EMIE 2021), which was successfully held during April 09-11, 2021 in Xi’an, China. EMIE 2021 provides an enabling platform for Electronic Materials and Information Engineering experts 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. We hope that this conference could make significant contribution to the update of knowledge about these latest scientific field.

The conference model was divided into two sessions, including oral presentations and keynote speeches. In the first part, some scholars, whose submissions were selected as the excellent papers, were given 15 minutes to perform their oral presentations one by one. Then in the second part, keynote speakers were each allocated 30-45 minutes to hold their speeches. In this conference, we were greatly honored to have invited Professor Alex Lugovskoy from Department of Chemical Engineering, Ariel University as our Conference Chair. There were over 70 experts and scholars in the area of Electronic Materials and Information Engineering representing different famous universities and institutes around the globe to attend the conference.

During the conference, we were pleased to invite four distinguished experts to present their insightful speeches. Prof. Fanian Shi, our first keynote speaker, from Shenyang University of Technology. His research interests: Crystal Structure Design and Elucidation; Electromagnetic wave absorbing material; Composite. Prof. Jing Guo, from School of Materials Science and Engineering, Xi’an Jiaotong University. He devoted to electronic ceramics, low temperature sintering, microwave dielectric materials and other related research area. Prof. Yang Yue, from Nankai University. He had outstanding research in intelligent photonics, optical communications and networking, optical interconnect, detection, imaging and display technology, integrated photonics, free-space and fiber optics and other related area. Prof. Xiaoming Zhang, our finale keynote speaker, from Hebei University of Technology. His research area: Topological theory; Electronic materials; 2D materials.

The participants of the conference were from most part of the world, with background of either academia or industry, even well-known enterprise. The success and prosperity of the conference is reflected high level of the papers received. The proceedings are a compilation of the accepted papers and represent an interesting outcome of the conference. EMIE 2021 for exchange of research findings, analysis, information, and knowledge in areas which include but are not limited to: Electronic Materials, Information Engineering and other related topics.

We would like to acknowledge all of those who supported EMIE 2021. Each individual and institutional help are very important for the success of this conference. Especially we would like to thank the organizing committee for their valuable advices in the organization and helpful peer review of the papers. We sincerely hope that EMIE 2021 will be a forum for excellent discussions that will put forward new ideas and promote collaborative researches. We are sure that the proceedings will serve as an important research source of references and the knowledge, which will lead to not only scientific and engineering progress but also other new products and processes.

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