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Preface

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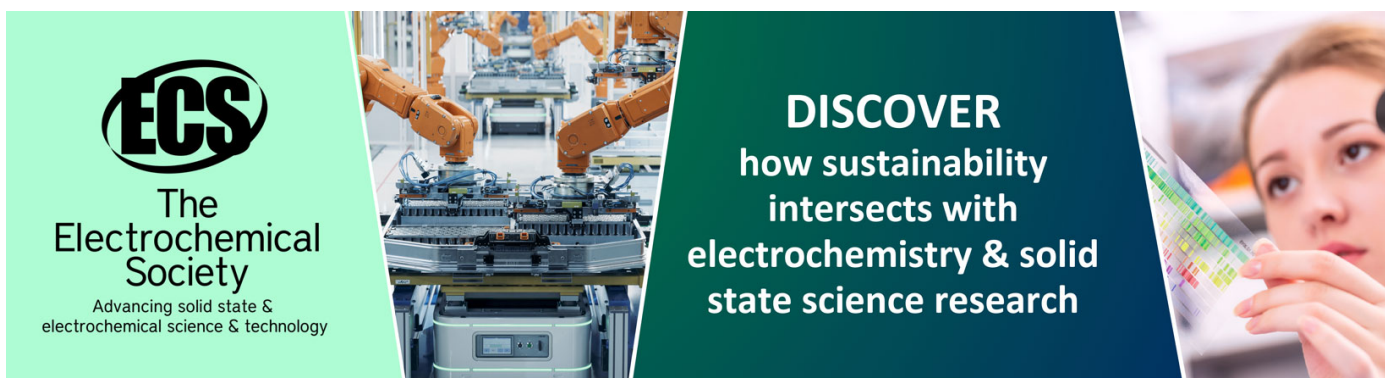
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The 2022 2nd International Conference on Computer Technology, Information Engineering and Electron Materials (CTIEEM 2022) was successfully held in Guangzhou, China from November 25th-27th, 2022 (virtual form). The conference is a leading academic conference and has the potential to bring new horizons and insights to the researchers and practitioners in the fields related to computer technology, information engineering and electron materials.

CTIEEM 2022 created an academic platform for academic sharing and scientific innovation, brought together experts, scholars, and engineering and technical personnel from all over the world to present their research results and exchange ideas, promoted the industrial cooperation of academic achievements, and facilitated future business or research contacts among all the participants.

The scope of the conference covered all areas of research in computer technology, information engineering and electron materials, including Wireless Sensor Network, Array Signal Processing Technology, Intelligent and Optimal Control System, Electrical Engineering Materials, Magnetic Material, etc. The conference brought together about 50 participants, primarily from China, but also from Malaysia, Korea, and other countries.

A three-day program of the conference was divided into three sessions, including keynote speeches, oral presentations, and academic investigation. Each keynote speaker was given 30-40 minutes for keynote speeches and every presenter was given 10-15 minutes. Among them, Prof. Qin Xin from University of the Faroe Islands, Denmark is one of our keynote speakers and performed a wonderful keynote speech for us. His researches mainly focus on the design and analysis of sequential, parallel and distributed algorithms for various communication and optimization problems in wireless communication networks, as well as cryptography and digital currencies including quantum money. Moreover, he also investigates the combinatorial optimization problems with applications in Bioinformatics, Data Mining and Space Research and has produced more than 111 peer reviewed scientific papers, which are mainly published in leading international conferences and journals, such as ICALP, ACM PODC, IEEE MASS, ISAAC, IEEE ICC, etc. Currently, Prof. Qin Xin is serving on Management Committee Board of Denmark for several EU ICT projects. The insightful speeches of each keynote speakers triggered interesting discussions and a good number of informal talks between all the participants.

We would like to thank all the participants in the 2022 2nd International Conference on Computer Technology, Information Engineering and Electron Materials. Besides, our special acknowledgement goes to the Journal of Physics: Conference Series, for the endeavor of all its colleagues in publishing this paper volume. We are sure that the proceedings of CTIEEM 2022 will serve as an important research source for references, which will contribute to not only scientific and engineering progress but also other new products and processes.

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