Preface

It is our great honor to welcome you to the 2020 International Symposium on New Energy and Electrical Technology (ISNEET 2020) held on September 18-20, 2020 in Changsha, China. ISNEET 2020 welcomes researchers, engineers, scientists and industry professionals to an open forum where advances in the field of New Energy and Electrical Technology can be shared and examined. The conference is an ideal platform for keeping up with advances and changes to a consistently morphing field. Leading researchers and industry experts from around the globe will be presenting the latest studies through papers and oral presentations.

The meeting consists of two parts: oral presentations and speeches of keynote speakers. More than 50 participants attended the meeting. We were greatly honored to have invited Dr. Thanikaivelan Palanisamy from CSIR-Central Leather Research Institute, India to serve as our Conference Chairs.

In the keynote presentations part, we invited three professors as our keynote speakers. Our beloved Conference Chair, Dr. Thanikaivelan Palanisamy was also invited to present his talk *Collagen Derived Advanced Materials for Energy and Environmental Applications*. His research proposed new avenues for converting industrial bio-wastes into useful multifunctional advanced materials based on nanoscience approach are scalable and inexpensive thereby minimizing pollution and maximizing environmental sustainability. Dr. Ruomei Li, our second keynote speakers, from Tsinghua University, China presented her latest research: *The Role of Human Nature in the Energy Revolution*. Her speech had mainly analyzed the negative reactions from different sectors of the energy industry in facing the challenge of energy revolution, and Point out that those are the natural reflection of human nature. The last keynote speaker was Prof. Deng Feng, Changsha University of Science and Technology, China. Her speech topic is: *Key technology of high precision real-time monitoring and control in the distribution network*. This talk aimed to introduce the key technology of high precision real-time monitoring and control in the distribution network which has promoted significantly the scientific and technological progress in the field of distribution network safety monitoring, which is significant in reducing the hidden danger of personal equipment, reducing power outage, improving the utilization rate of equipment and improving the quality of people's production and life.

ISNEET 2020 is to bring together innovative academics and industrial experts in the field of New Energy and Electrical Technology to a common forum. Therefore, we compiled a lot of excellent papers featuring the latest advanced studies on the following topics: New energy resources, Electrical Systems, Energy Science and Energy Technology, Energy management and other related topics. All the papers have been through rigorous review and process to meet the requirements of International publication standard.

We are really grateful to the International/ National advisory committee, keynote speakers, session chairs, organizing committee members, student volunteers and administrative assistance of the management section of University, including accounts section, digital media and publication house. Also, we are thankful to all the authors for contributing a large number of papers in the conference, because of which the conference became a story of success. It was the quality of their presentations and their passion to communicate with the other participants that really make this conference series a great success.

The Organizing Committee of ISNEET 2020
Committee member

Conference Chair
Dr. Thanikaivelan Palanisamy, from CSIR-Central Leather Research Institute, India

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