## **Preface**

Welcome you all to the Proceedings of 2021 The 6th International Conference on Sustainable and Renewable Energy Engineering (ICSREE2021), which was held in Strasbourg, France (virtual conference) during May 5-7, 2021.

ICSREE is an annual Conference provides a yearly platform for delegates and members to present and discuss the latest research, and our delegates and members will have many opportunities engage in dialogues about Sustainable and Renewable Energy Engineering. It also provides new insights and bring together scholars, scientists, engineers and students from universities and industry all over the world under one roof.

This year, due to the impact of COVID-19 and travel restrictions from governments all over the world, ICSREE organizing committee held the conference as remote meeting. Though the authors and speakers couldn't communicate face to face, the passion for involvement wasn't affected. Participants were actively involved and discussed a lot on many various hot topics ranging from Renewable Energy and Sustainable Development, Power Systems and Engineering, Thermal Energy and Power Engineering and Advanced Materials and Applications.

In addition, we had a great line-up of keynote & invited speakers including Prof. Tatiana Perova, from Trinity College Dublin, The University of Dublin, Ireland; Prof. Monica Siroux from INSA Strasbourg ICUBE, University of Strasbourg, France; Prof. Lluís Soler from Universitat Politècnica de Catalunya-BarcelonaTech (UPC), Barcelona, Spain and Prof. Nezihe Ayas from Eskisehir Technical University, Turkey. The credit goes to them for their sharing and contribution on this conference.

For the conference proceedings, all the papers were double-blind reviewed. 33 papers were accepted from 61 submissions to be collected in the conference proceedings published with E3S Web of Conferences. Thank all the technical program committee members who made great efforts on paper reviewing. Besides, we also would like to thank all participants for their contributions this Proceedings. Many thanks go as well to other conference committee members for their concern, support and advice. The conference could not be help successfully without the tremendous and generous support by them. Hope you had a nice experience in conference.

All in all, ICSREE2021 was very successfully held online. All lectures and special reports bridged the gap between the different fields of Sustainable and Renewable Energy Engineering, making it possible for non-experts in a given area to gain insight into new areas, motivated young scientists, namely, postdocs and students, who brought new perspectives to their fields. We expect that future conferences will be as stimulating as this one was, as indicated by the contributions presented in this

proceedings volume. We are looking forward to welcoming you in next ICSREE onsite.

Best regards, ICSREE Organizing Committee