

Preface

Dear Authors and Participants of ICACER 2019,

The 2019 4th International Conference on Advances on Clean Energy Research (ICACER 2019) was held in Coimbra, Portugal, on April 5-7, 2019, hosted by the University of Coimbra, Portugal.

The objectives of ICACER 2019 are to provide a forum to bring together researchers, scientists, engineers, academics and graduate students in the fields of advances on clean energy research, energy economics and energy policy to share up-to-date research results. We are confident that the participants benefited from the theoretical insights, practical knowledge and personal contacts that will help them to build a long-term, profitable and sustainable communication among researchers and practitioners in the related scientific areas.

We wish to express our thanks to conference co-chairs Prof. Harald Richter and Prof. Carlos Henggeler Antunes, plenary speakers Prof. Paulo Pereirinha and Prof. Luis Neves and other distinguished scholars for sharing their insights on future challenges and trends in the fields of clean energy research, energy economics and energy policy. We also appreciate the support from program chairs, Prof. Eugen Rusu and Prof. Michele Tartaglia.

ICACER 2019 proceedings contain 15 papers. They were selected from a total of 30 papers submitted to the conference. In the proceedings, readers can learn about methodological and application advances on green energy and energy efficiency.

ICACER 2019 Organizing Committees