

Preface

This proceedings included papers from 2018 3rd International Conference on Advances on Clean Energy Research (ICACER 2018), held in Barcelona, Spain from April 6-8, 2018. This year's conference aims at the theme of openness through promoting cross-disciplinary dialogue and discussion, by embracing the challenges we need to overcome to push the frontiers of new energy development and renewable energy, solar energy utilization and power generation technology, environmental remediation and quality assessment, etc.

The conference received submissions in the form of full papers describing original and completed research, either empirical or theoretical. In addition, each submission has been peer-evaluated by two reviewers, with at least one reviewer who are highly confident in the subject of the paper. We are grateful to all authors for their submissions to ICACER 2018.

To complement the conference program, ICACER 2018 invited four keynote speakers: Prof. Harald Richter from Clausthal University of Technology, Germany; Prof. Marc Alier from Universitat Politècnica de Catalunya, BarcelonaTECH, Spain; Prof. Dr.-Ing. Thomas Glotzbach from University of Applied Science in Darmstadt, Germany; Prof. Carlos Henggeler Antune from University of Coimbra, Portugal. We wish to take this opportunity of thanking their attractive speeches.

We would like to thank the committee members for their hard work in making sure a smooth running of this conference. Many thanks to the reviewers for their excellent job to maintain the academic quality of this conference. Special thanks is expressed to Universitat Politècnica de Catalunya, BarcelonaTECH, Spain(UPC), who kindly gave us support.

We hope that you enjoy this year's conference and hope ICACER 2018 prove to be intellectually stimulating to you as to us. Hope your Barcelona trip is remembered as one of the worthy professional and personally memorable experience.

With our warmest regards,
ICACER 2018 Organizing Committees
April 20, 2018