

## PREFACE: HEAT-MASS TRANSFER ADVANCES FOR ENERGY CONSERVATION AND POLLUTION CONTROL

The 6th International Workshop on Heat/Mass Transfer Advances for Energy Conservation and Pollution Control (IWHT2021) was successfully held from August 13 to 16, 2021. Due to COVID-19, it was organized on the online platform. The organizer is Harbin Engineering University, and the sponsors include Xi'an Jiaotong University, Harbin Institute of Technology, Chinese Society of Engineering Thermophysics, and International Center for Heat and Mass Transfer. The workshop was chaired by Prof. Yanjun Li (Harbin Engineering University, China), and co-chaired by Prof. Qiuwang Wang (Xi'an Jiaotong University, China) and Prof. Yitung Chen (University of Nevada, Las Vegas, USA).

The objective of this workshop was to provide an international forum for exchange of the latest technological information as well as for dissemination of high-quality research and development on the heat and mass transfer problems involved in the fields of energy conservation and pollution control. The workshop included 8 plenary lectures, 49 keynote lectures, 96 oral presentations, and 96 posters, covering extensive topics such as clean energy and storage techniques, heat exchangers and advanced energy systems, multiphase flow and heat/mass transfer, transport phenomena in porous media, heat/mass transfer enhancement techniques, CFD and numerical heat/mass transfer, nuclear energy, etc. There are many highlights in this workshop. Firstly, it was an online conference, and all the audiences that did not submit papers could join the workshop for free. Secondly, four special sessions and three competition sessions were organized. There were three best paper award competition winners, four best presentation award competition winners, and three best poster award competition winners. Finally, the special issues of recommended articles will be published in seven high-quality journals, such as *Heat Transfer Research*, *Journal of Enhanced Heat Transfer*, *Renewable and Sustainable Energy Reviews*, *Energy*, *Applied Thermal Engineering*, *Heat Transfer Engineering*, and *Energy Storage and Saving*.

The present special issue for *Heat Transfer Research* includes five high-quality papers recommended by the work-shop committee.

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### Guest Editors

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