Preface

International Conference on Power Engineering-2013 (ICOPE-2013) was held in Wuhan, China on from Oct. 23rd to 27th, 2013, which was organized by The Chinese Society of Power Engineering (CSPE), co-organized and co-sponsored by The American Society of Mechanical Engineers (ASME), and The Japan Society of Mechanical Engineers (JSME). The objective of this conference is to provide a forum for presenting, discussing, and promoting the international exchange of recent technological advances in power engineering and related areas. The conference will include papers of oral presentations and special lectures, as well as social activities. In ICOPE-2013 as related technology of power and energy systems, about 200 papers including 27 papers from Japan was published and active discussions were carried out.

This Special Issue has the same theme as ICOPE-2013, which contains the similar but enhanced contents of the papers published in the conference as well as new papers of the topics including Power Systems, Fuel Utilization, Boilers, Turbines, Generators, Operation and Maintenance, Environmental Protection, Heat Transfer, Fuel Cell, New Materials for Energy Systems, Alternative Energy, Economics, and so on. The purpose of the Special Issue is to introduce the direction of Power and Energy Systems in the future. Based on the nomination from the members of Program Committee of JSME, 18 papers were selected as the appropriate topics for the Mechanical Engineering Journal (MEJ), and 6 new papers were submitted as original papers. These papers were reviewed in the review process of MEJ.

We would like to take this opportunity to thank for their outstanding effort to the members of the ICOPE-2013 Program Committee of JSME and editorial members of MEJ in making the publication of this Special Issue.

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