Preface

“The seventh JSME-KSME Thermal and Fluids Engineering Conference” was held on October 13-16 in 2008 in Sapporo, Japan. Totally 456 papers were presented together with 4 plenary lectures in the fields of thermal and fluid engineering. Selected papers were shared by Journal of Thermal Science and Technology of JSME, Journal of Fluid Science and Technology of JSME, and Journal of Mechanical Science and Technology of KSME, and the regular reviewing process was conducted before publication. Thus readers are recommended to see both this journal and Journal of Mechanical Science and Technology of KSME for thermal engineering papers from the conference.

This special issue includes 13 excellent papers selected and reviewed in the above process. It covers multi-phase flows, heat and mass transfer in advanced energy systems, combustion technology for reducing green house gases, and variety of fuel cells. We hope readers share the major ideas and information presented in the conference. In closing we would like to thank the authors and the reviewers for their contributions to this special issue.

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