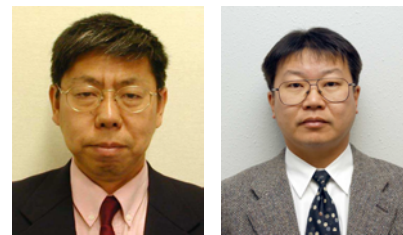


Preface

Interdisciplinary Imaging Science

Issue Associated with 11th International Symposium on Flow Visualization (ISFV11)



Fujisawa, N. Ninomiya, N.

It is our great pleasure to be able to publish Journal of Visualization, Volume 8, Number 2 to all of our readers in the world. This Journal aims at an interdisciplinary imaging science devoted to make the invisible visible through the techniques of experimental and computer-aided visualization. In this issue and in the following one, we are happy to present some of the research papers associated with the 11th International Symposium on Flow Visualization (ISFV11) held at South Bend, Notre Dame last year, which are selected with the help of our regional editors, Prof. R.J. Adrian and Prof. G.M. Carlomagno. This issue contains 6 frontispieces, 4 general papers, and 7 papers and a report from ISFV11.

The first 4 papers are dealing with the experimental investigations of heat and mass transfer in jets, vortex shedding phenomenon, fluid structure interaction and interfacial phenomena in micro flows. These complex fluid phenomena are well understood with the help of newly developed visualization techniques and the photographs of beautiful color. The remaining 7 papers from ISFV11 propose the new developments of quantitative imaging techniques applied to high speed flow, nano-scale phenomenon, new field of scientific art, computer graphics, digital global velocimetry and turbulent flow. The experimental and computer-aided flow visualization techniques used in these papers allow for deep insight into the invisible phenomenon of fluids. All of these articles contributes to the development of visualization in science and engineering in the world. We acknowledge all the authors, reviewers and related people, who have made great efforts in publishing this issue.

Managing Editors
Fujisawa, N. and Ninomiya, N.