

Preface

The Memorial Year for the Journal of Visualization



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It is our great pleasure to present the Journal of Visualization Volume 10, Number 4 to worldwide readers. JOV had many events in this year of the 10th anniversary. First, the e-Journal of JOV was published from Vol.10 No.1. This system can see the PDF files of each paper by access to the Web page of JOV (<http://www.jov.jp/>). To access this, it is necessary to use ID and Password, and to pay for the subscription fee. The subscription only e-Journal is not set under present situation. We would like to subscribe in many readers. Furthermore, adjusting to publication of this e-Journal, also Webpage made renewal. In June, it was announced that the impact factor for the year of 2006 became 0.806. This has shown that JOV is highly appraised from the researchers of the world. The 10th Anniversary Ceremony for JOV was held in Tokyo on July 24 during the 35th Symposium on Visualization in Japan and the JOV Award was presented to the Editorial Staffs who made the marvelous editorial contributions. For mainly Foreign Staffs, the same Award was presented at 9th ASV (Hong Kong, China) in June and 9th FLUCOME (Tallahassee, USA) in September. We heartily appreciate to the persons who have supported the publication of JOV and expect the further development of JOV in future.

In the present issue, six portfolios, three short papers, six regular papers and a report are presented. The authors spread all over the world such as Korea, China, Germany, France, United Kingdom, Russia, U.S.A. and Japan. Visualization techniques of PIV are applied to measurement of the flow and its vibration of Japanese traditional bamboo flute and to experimental investigations of the unsteady behavior of a confined slot jet impinging on a flat plate. The radial diffuser pump is visualized by PIV method and CFD calculation. Spatially varying surface temperature oscillations in a nominally steady reattaching slot jet are analyzed using Proper Orthogonal Decomposition (POD) for two nozzle-to-surface spacings. The transitional flow patterns at mid-span between shrouded co-rotating disks are visualized using olive oil particles with a laser sheet and CCD camera, and near-wake behind a sphere were investigated using a smoke-wire visualization method.

Lastly, we would like to thank all contributing authors, reviewers and related people who were involved with the publication of this issue.

Managing Editors
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