

Preface

The 10th Anniversary of Journal of Visualization



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The managing editors of this issue, i.e., Vol. 10, No. 1, of the Journal of Visualization are very honored to announce that this issue is the commemorative issue of the 10th anniversary of the Journal of Visualization. The Journal of Visualization has been published by the Visualization Society of Japan in 1998 and has been issued quarterly, thus this issue counts the 36th. The Journal of Visualization is renowned as a full-color journal without charging any additional cost for color pages. In order to transfer the fruitful information obtained by visualization, color pages are inevitable and they help the subscribers of the Journal of Visualization in understanding the complex phenomena, such as fluid motion, heat transfer, sound, electromagnetic field, chemical reaction, etc. Recently, visualization techniques are utilized to many kinds of academic field, such as Engineering, Physics, Medical Science, Agriculture, Meteorology, Oceanography, Sports Science and Scientific Arts.

In the Journal of Visualization, Vol. 10, No. 1, nine research articles, two short papers and a report are presented. The research articles being published in this issue are splendid milestones to the visualization being employed. By experimental visualizations, the papers in this issue are shown to us on the mixing phenomena, the movements of saltating solid particles near a ground surface, a supersonic jet, a local ionic wind profile, and the inflows ahead of a rotating propeller in fluid mechanics. The papers in this issue are also discussed on visualization by numerical approaches. The aerodynamic noise source is visualized by the numerical approaches. In the world of Computer Graphics, visualization techniques are also extended. Geometric measures for identifying appropriate triangles are proposed to be simplified in 3-D complex model. Finally, Dr. Kompenhas of DLR kindly dedicated a report on the 12th International Symposium on Flow Visualization held in Göttingen, Germany in September 2006.

Lastly, we would like to thank all contributing authors, reviewers and individuals who were involved in the publishing this issue on behalf of the editorial board of the Journal of Visualization.

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