Preface

Visual / Visualize / Visualization

What is the meaning of visualization? The word of VISUALIZATION may come from VISUAL. The VISUAL has many meanings. According to the Concise Oxford Dictionary, VISUAL means ‘of, concerned with or used in, seeing.’ I think it does contain the meaning of understanding in mind. With adding IZE to VISUAL, the adjective has changed to verb with having an ACTIVE meaning. With this ACTIVE meaning, VISUALIZE have the meaning that human positively access the target to make it VISUAL. Finally, the verb changes to noun, with keeping the ACTIVE meaning. This positive or active meaning is very important to discuss the VISUALIZATION. The Journal of Visualization has also the ACTIVE contributions from around the world. The ACTIVE contribution visualizes the Journal to be the best Visualization Journal in the world.

According to the above meanings, everything in the world is the scope of VISUALIZATION, including, arts, poem, economics, politics and so on. The VISUALIZATION should be the interdisciplinary field between sciences and humanities. I hope that more humanity visualization research may have ACTIVE contribution to this journal.

In this issue, the selected papers from the 6th International Symposium on Particle Image Velocimetry (PIV05) held in Pasadena, CA, on September 21-23, 2005, have been included. The state of the arts Visualization technology will helps the readers to understand the sciences and humanities.

Managing Editor

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