

Preface

Interdisciplinary Cooperation in International Symposium



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Visualization is an interdisciplinary imaging science intending to clarify invisible phenomena by experimental and computer-aided visualization methods. In recent years visualization technologies have contributed so much that various international conferences have been held as a result. In such an environment FLUCOME started in Tokyo, Japan in 1985 as a characteristic international symposium.

FLUCOME is the short name for International Symposium on FLUId COntrol, MEAsurement and visualization. This international symposium originally planned in Japan and addressed to the world is a powerful international symposium unifying the fluid control, measurement and visualization which, centering around the Society of Instrument and Control Engineers of Japan, was planned by the Japan Society of Mechanical Engineers, the Japan Hydraulics and Pneumatics Society, and the Visualization Society of Japan in concert.

The research and technological matters confronted by the fluid control, measurement and visualization have an extensive coverage over engineering, physics, medical science, agriculture, aerospace, oceanography, meteorology and sports science. In terms of developing these scientific technologies, the fluid control, measurement and visualization have special interrelations, and many researchers and technicians in these disciplines have common concerns about them.

From this viewpoint the first international symposium was held in 1985 and was much appreciated as an interdisciplinary international symposium. Since then it has been held every three years in the UK (Sheffield), in the USA (San Francisco), in France (Toulouse), and again in Japan (Hayama) last year. We hope that the above development will continue in the future.

This issue is a collection of papers selected from among those contributed to FLUCOME '97 Hayama and rewritten by the contributors in response to a request from the Editorial Committee.

I would like to express my sincere appreciation to the authors who contributed splendid papers, the reviewers, and the organizing committee members of the symposium.

Editor-in-Chief

Yasuki Nakayama

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