

Preface

Extensive Role of Visualization in Various Fields of Engineering



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The 9th Millennium International Symposium on Flow Visualization (9misfv) was held in Edinburgh, Scotland from the 22nd August to the 25th August 2000. The Symposium was the latest in a series of International Flow Visualization Symposia, first held in Tokyo in 1977 and successively in Bochum, Ann Arbor, Paris, Prague, Yokohama, Seattle and Sorrento.

The objective of the Symposium is to provide a forum for communication and information exchange in the broad field of Flow Visualization over the wide range of disciplines that depend upon this technique. These include experimental and computational fluid dynamics, aerodynamics, mechanical engineering, chemical engineering, civil engineering, metallurgy, meteorology, oceanography, biomedical, food and agricultural technology.

Original papers are solicited covering all aspects of Flow Visualization both from the qualitative and quantitative points of view. At the Edinburgh symposium, a total of 396 presentations (373 oral presentations and 23 poster presentations) were made. This issue is a collection of papers selected and rewritten from those presented at the 9misfv and some more selected papers will be included also in the next issue.

As a managing editor of this issue, I would like to express my sincere appreciation to the authors, reviewers and all who helped me to organize this issue. I especially acknowledge the support of Professor Ian Grant who was the chairperson of the 9th International Symposium on Flow Visualization. I hope this issue would present a nice collection of papers that provide some of the best contemporary researches in visualization in engineering.

Managing Editor
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