
Preface

The First Symposium on Turbulence and Shear Flow Phenomena was held September 12–15, 1999 in Santa Barbara, California. This new symposium series is the successor to the highly regarded series of Symposia on Turbulent Shear Flows, which concluded with the 11th biennial conference in 1997. The new series began with a new organizing committee, a new title, and a commitment to broaden the scope to cover the breadth of application areas relevant to turbulence research.

The Symposium aims to be the premier forum for presentation of fundamental and applied research in turbulence. Submissions were solicited in traditional turbulence research areas along with five areas selected for special emphasis: biological and medical flows, multiphase flows, reacting turbulent flows, geophysical and environmental flows, and flow control/MEMS. Five speakers were invited to give review talks covering some aspect of these areas.

Over 320 extended abstracts were submitted in response to the call for papers. Each abstract was evaluated by two members of the Advisory and Executive Committees and two members of the Papers Committee. Most of the abstracts were of high quality, requiring many difficult decisions in setting the final program. Eventually, 204 papers were selected for oral presentation and 40 for presentation at the two poster sessions.

The Organizing Committee wishes to acknowledge the generous encouragement, advice, and financial support given by the organizers of the Symposia on Turbulent Shear Flows. We have endeavored to maintain the high standards of quality that they set for over 20 years.

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