

GALLERY OF FLUID MOTION

**Winning Entries from the
20th Annual Gallery of Fluid Motion**

**Held at the 55th Annual Meeting of the
American Physical Society, Division of Fluid Dynamics
24–26 November 2002, Dallas, Texas**

Guest Editors

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INTRODUCTION

The 20th Annual Gallery of Fluid Motion was held in Dallas, Texas at the November 2002 meeting of the American Physical Society, Division of Fluid Dynamics. The annual event returned to the Lone Star State, where it was first held during the November 1983 meeting in Houston. There were 25 video and 47 poster entries representing research from academia, government labs, and private companies in the United States and several foreign countries. This year's entries provided a remarkable display of experimental and numerical results that combined artistic beauty with deep physical insights into fluid mechanics.

Six distinguished scientists in the fluid mechanics community acted as judges and chose 12 outstanding winning entries. Short versions of these are published in the pages to follow. We hope readers of *Physics of Fluids* will enjoy these. All winning entries can also be viewed online at <http://ojps.aip.org/phf/gallery>.

We would like to express our gratitude to the Gallery judges for their time and effort. We are grateful to Jim Duncan for coordinating our work and sharing his valuable experience with us, and to the Editors of *Physics of Fluids* for their support of this annual publication. We are looking forward to the next Gallery to be held at the 56th annual meeting of the Division of Fluid Dynamics in the Meadowlands, New Jersey.

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**Visit the Gallery of Fluid Motion online
at the *Physics of Fluids* website:**

<http://ojps.aip.org/phf/gallery>