

Gallery of Fluid Motion

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This article displays winning photographs from the seventh Annual Fluid Mechanics Photo Contest held at the November 1989 meeting of the American Physical Society, Division of Fluid Dynamics, Palo Alto, California.

INTRODUCTION

The seventh Annual Fluid Mechanics Photo Contest, held at the November 1989 meeting of the American Physical Society, Division of Fluid Dynamics, in Palo Alto, California, attracted 79 entries, including flow visualizations from experiments and from computational simulations, covering a broad range of fluid mechanics problems. For the fourth year videotape presentations were included. Continued participation in this contest is attributed to the successful appearance of articles such as this in *Physics of Fluids A*. Again we must thank the Editor of this Journal, without whose continued generosity and interest this would be impossible.

At the November American Physical Society meeting, entrants are displayed in a poster and video gallery and are judged by a distinguished international panel, with the decisions based on both the artistic beauty of the visualization and the original contribution to the understanding of fluid mechanics. Meeting participants have commented that the gallery is enjoyable and offers a relaxing change from the hectic schedule of the regular paper sessions. Spectators

browse and marvel at the wonders of fluid flow and also at the same time learn about the most current techniques of flow visualization and display.

This article displays winning photographs from this past November meeting in Palo Alto. Each entry is complemented by a descriptive passage and in some cases, the posters and videotapes have been condensed for this publication. Of worthy note is the inclusion of color photographs from the original posters and videotapes in this article to enhance the display.

Unfortunately, although ten prize winners were selected in 1989, only nine appear in this article. It was agreed upon by all involved that the frames of the video tape entitled *Two Texas Twisters* and submitted by Michael Gorman, Department of Physics, University of Houston, could not be reproduced with sufficient clarity for this article.

The tradition will continue at the November 1990 meeting of the American Physical Society, Division of Fluid Dynamics, at Cornell in Ithaca, New York, and the winners will be considered for publication in *Physics of Fluids A* in this format, with strong preference being given to original work.