

Gallery of fluid motion

Helen L. Reed

*Department of Mechanical and Aerospace Engineering, Arizona State University, Tempe, Arizona
85287-6106*

This article displays winning photographs from the fifth Annual Fluid Mechanics Photo Contest held at the November 1987 meeting of the American Physical Society, Division of Fluid Dynamics, Eugene, Oregon.

INTRODUCTION

The fifth Annual Fluid Mechanics Photo Contest, held at the November 1987 meeting of the American Physical Society, Division of Fluid Dynamics, in Eugene, Oregon, attracted 35 entries, including flow visualizations from experiments and from computational simulations, covering a broad range of fluid mechanics problems. For the second year videotape presentations were included. Continued participation in this contest is attributed to the successful appearance of articles such as this in *The Physics of Fluids*. Again we must thank the editors 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 the winning photographs from this past November meeting in Eugene; ten prize winners were selected in 1987. 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.

The tradition will continue at the November 1988 meeting of the American Physical Society, Division of Fluid Dynamics, in Buffalo, New York, and the winners will be considered for publication in *The Physics of Fluids* in this format, with strong preference being given to original work.