

## Gallery of fluid motion

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This article displays winning photographs from the fourth Annual Fluid Mechanics Photo Contest held at the November 1986 meeting of the American Physical Society, Division of Fluid Dynamics, Columbus, Ohio.

### INTRODUCTION

The fourth Annual Fluid Mechanics Photo Contest, held at the November 1986 meeting of the American Physical Society, Division of Fluid Dynamics, in Columbus, Ohio, attracted 39 entries, including flow visualizations from experiments and from computational simulations, covering a broad range of fluid mechanics problems. This year for the first time videotape presentations were included. Continued participation in this contest is attributed to the successful appearance of articles like this one in *The Physics of Fluids*. Again we must thank the editors of this Journal for their continued generosity and interest.

At the November American Physical Society meeting, entrants are displayed in a poster and videotape gallery and are judged by a distinguished international panel, with the decisions based on both the artistic beauty of the visualizations and their 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 Columbus; eight prize winners were selected in 1986. 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 1987 meeting of the American Physical Society, Division of Fluid Dynamics, in Eugene, Oregon, and the winners will be considered for publication in *The Physics of Fluids* in this format, with strong preference being given to original work.