

Gallery of fluid motion

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An annual fluid-mechanics photography contest has been established for the November meetings of the American Physical Society, Division of Fluid Dynamics. This article displays the winning photographs from the past two years.

INTRODUCTION

Inspired by the book, *An Album of Fluid Motion*¹ by Milton Van Dyke, an annual fluid-mechanics photography contest has been established for the November meetings of the American Physical Society, Division of Fluid Dynamics. Entrants are displayed in a poster gallery at the meeting 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 event, initiated at the Houston, Texas, meeting in November, 1983, attracted approximately seventy entries

that first year, including flow visualizations from experiments and from computational simulations, covering a broad range of fluid-mechanics problems. In 1984 at Providence, Rhode Island, there were thirty contributors. This article displays the winning photographs from these two years, along with a descriptive passage for each entry. In some cases, the posters have been condensed for this publication. Seven prize winners were selected in 1983, four in 1984. The first four displays in this article were winners in 1983, the second four in 1984.

The tradition will continue at the November, 1985, American Physical Society, Division of Fluid Dynamics, meeting at the University of Arizona, and the winners will be considered for publication in *The Physics of Fluids* in this format. Although some of the pictures shown here have been previously published as indicated, in future years strong preference will be given to original work.