

## Gallery of fluids

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Since 1995 an Annual Meeting of the Division of Fluid Dynamics is held in parallel to the Meeting of the Mexican Physical Society. During each meeting a Gallery of Fluids has been organized with the aim of attractively communicating fluid research results and to promote the interest in this field of Physics. The three most outstanding contributions of the First Gallery of Fluids, held in 1995, were already published in this journal[1].

In this article, representative photographs from each of the winning entries from the Second, Third, Fourth and Fifth Galleries of Fluids, held from 1996 to 1999 are presented and complemented by a brief description. In some cases, the posters have been condensed for this publication. In each gallery, the entries were judged by an international panel of experts, composed of invited lecturers to the Meeting, who selected the posters based on the artistic quality, the original contribution to the understanding of fluid mechanics and the clarity of the message. The Fluid Dynamic Division is grate-

ful to these panels for their interest in judging the entries of the gallery.

It is worth noting that from the five winning entries shown in this article (two from 1999 Gallery), three correspond to photographs taken from laboratory experiments, one is from a real situation and is completed with the superposition of theoretical predictions, and the other corresponds to a numerical simulation. It seems that vortex and mixing are visually attractive phenomena, four of the winning entries involve vortices, in one of them, the research has the aim of suppressing the vortices, and another uses the vortices for mixing.

We thank all of the participants for their interest and enthusiasm, which indicates that this exhibition is becoming a successful part of the meetings of the Division of Fluid Dynamics. We would like to extend our gratitude to the editors of the *Revista Mexicana de Física* for their interest and support to publish this gathering Gallery of Fluids.

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1. Steven P.R. Czitrom-Baus, *Rev. Mex. Fís.* **42** (1996) 897.

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