Announcement

Computational Fluid Dynamics in Chemical Reaction Engineering III

May 25–30, 2003
Davos, Switzerland

This conference is the third in a series dedicated to the field of computational fluid dynamics (CFD) and its application to chemical reaction engineering with emphasis on reacting and/or multiphase flows. It is being presented with the technical co-sponsorship of the American Institute of Chemical Engineers.

Over the past decade the rapid increase in computational power has led to an increasing use of CFD in chemical engineering for process development, design, and optimization. Further inroads into industrial practice can be expected over the next decade as CFD applications enter the chemical engineering curriculum.

Despite the widespread use of CFD in industry, there is still a lack of fully validated predictive models of many relevant transport phenomena, especially in the field of multiphase flows. This conference will provide a forum for cross-fertilization between CFD model developers and industrial practitioners in order to advance the state of the art and prioritize research needs. CFD results from industrial challenge problems identified at the previous conferences will be used to gauge the current state of the art and to identify areas in need of further improvement.

The chair is Professor Rodney O. Fox (Iowa State University) and the co-chair is Professor J.A.M. (Hans) Kuipers (University of Twente, The Netherlands).

Additional information about this conference—and a registration form—can be found at the conference's web site: http://www.engconfintl.org

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