

- 16A. Severe accident codes
- 17A. Steam generators
- 18A. Vapor explosions

**Part IIB. Process and Petroleum Industry Applications** (1½ days)

- 13B. Two-phase flow in pipelines
- 14B. Emergency relief system vent sizing
- 15B. Oil/water/gas flows: characteristics and measurement
- 16B. Dense gas and mist dispersions
- 17B. Transient multiphase multicomponent releases
- 18B. Fires and explosions

For further information contact:

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## ENGINEERING FOUNDATION WORKSHOP: FLUID-PARTICLE INTERACTIONS III

Davos, Switzerland  
 9-14 May 1993

*Chairmen*

**H. Kytömaa**, MIT, Cambridge, MA [Tel. (617) 253-0006; Fax (617) 258-8559; e-mail Kytomaa @ eagle. edu].  
**P. Foscolo**, l'Aquila, Italy [Tel. 862-43-2604; Fax 862-43-2533]

*Organizing Committee*

**H. Bieber** (Engineering Foundation), **C. Crowe** (University of Washington), **G. Hetsroni** (Technion), **J. Jenkins** (Cornell University), **S. Kim** (University of Wisconsin), **S. Savage** (McGill University), **G. Wallis** (Dartmouth College). *U.S. Industry:* **A. Weimer** (Dow Chemical), **R. Contractor** (DuPont), **R. Davies** (DuPont). *Europe:* **A. d'Alessio** (Naples), **L. Gibilaro** (UCL), **J. Gregory** (UCL), **P. Rowe** (UCL), **J. Wether** (Technical University Hamburg).

*Purpose of This Workshop*

The principal goal of this workshop is to provide an informal forum for open discussion of novel ideas and findings on fluid-particle interactions. The meeting will be held remote from the distractions of daily business, in the congenial surroundings of the Swiss Alps.

Particulate flows continue to challenge industry and are central to numerous natural processes. As the subject is inherently multidisciplinary, the meeting will draw from numerous disciplines that deal with particulate processes: physics, mechanical, chemical, civil engineering, geophysics; only to mention the most obvious. In addition, the success of this meeting will also depend on our ability to attract a strong representation from people who practise the use of fluid-particle systems in their daily business, namely the petroleum, mining, materials processing and manufacturing industries. The solicitation of this workshop is aimed at representatives of the above disciplines and applications, and their participation is viewed as essential.

It is hoped that this workshop will extend the frontiers of the subject by fostering a free and informal exchange of ideas among persons actively interested in the subject. To this end, participants will be encouraged to present up-to-date information on the latest developments, to provoke suggestions concerning underlying theories and suggest possible methods of achieving progress.

*Document Preparation*

Participants of this meeting who wish to have their work published will have the opportunity to do so in the *International Journal of Multiphase Flow*. Professor Gad Hetsroni has agreed to serve on the Organizing

Committee to champion this matter, and make this highly respected journal available to our participants, subject to the usual peer review. Where possible, and at the Editor's discretion, workshop attendees will be selected as reviewers to promote communication, and the Editor will have the final word on the ultimate dispensation of the papers.

Full details regarding paper submissions/poster presentations are available from the Chairmen.

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## XIth NATIONAL HEAT TRANSFER CONFERENCE

Dipartimento di Energetica, Politecnico di Milano, Italy  
24–26 June 1993

The *11th National Conference on Heat Transfer* of the Italian Union of Thermo-fluid-dynamics will be held in Milano, on 24–26 June 1993.

Contributed papers are solicited dealing with experimental work together with theory analysis and computational studies on the following subject areas:

- Heat transfer and fluid-dynamics of single-phase systems.
- Heat transfer and fluid-dynamics of multi-phase systems.
- Computational heat transfer and fluid-dynamics.
- Nuclear and conventional energy systems and environmental systems.

Authors should submit three copies of a 500-word abstract in Italian or English. The abstract should clearly state the objectives, methods, original results and conclusions. The abstracts will be used for the acceptance of the paper. The accepted papers will be required on camera-ready mats in Italian or English. Notification of paper acceptance will be given by 12 March 1993; camera-ready mats due 30 April 1993.

Abstracts should be submitted to:

Professor G. Sotgia  
Dipartimento di Energetica  
Politecnico di Milano  
Piazza Leonardo da Vinci, 32  
20159 Milano  
Italy

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## IXth BRAZILIAN MEETING ON REACTOR PHYSICS AND THERMAL HYDRAULICS—IX ENFIR

Caxambu, Minas Gerais, Brazil  
25–29 October 1993

Further information regarding the meeting and the submission of abstracts (in Portuguese, English or Spanish) is available from:

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