



ANNOUNCEMENTS

Call for Papers

FOURTH INTERNATIONAL CONFERENCE ON NUCLEAR ENGINEERING (ICONE-4)

FUNDAMENTAL THERMAL HYDRAULICS

New Orleans, LA, U.S.A.

10-14 March 1996

The American Society of Mechanical Engineers and the Japan Society of Mechanical Engineers are jointly organizing the *4th International Conference on Nuclear Engineering* in 1996, a follow-up to the successful meetings held in Tokyo (1991), San Francisco (1993) and Kyoto (1995). The conference will be held at the Hotel Inter-Continental located on historic St Charles Avenue, New Orleans, Louisiana. Combining Old World charm and Southern grace with European refinements, the Conference site is only a short walk away from the famous French Quarter and Mississippi River front.

As part of the Basic Technical Advances area, the conference will include paper sessions on Fundamental Thermal Hydraulics. The sessions are designed to provide a forum for exchange of information on recent activities and advances in this field which are significant to nuclear engineers. The scope of the papers submitted may include, but is not limited to:

- heat transfer research and correlation
- fluid dynamics research and correlation
- turbulence investigation and modeling
- interchannel mixing
- velocity distribution measurements and correlation
- plenum and downcomer mixing
- natural circulation
- core and heat exchanger thermal hydraulics

Interested authors should fax or air-mail a tentative title of the proposed paper to Professor Weisman as soon as possible to assure space in the technical program. After title submission, send three copies of an abstract (150 words or less) to:

Professor Joel Weisman
Nuclear Engineering Program (ML 072)
University of Cincinnati
Cincinnati
OH 45221-0072
U.S.A.
Fax: (513) 556-3390

Accepted papers will be published in an ASME special publication. This publication will not restrict the authors from publishing their papers in the other transaction journals.

Preliminary Announcement of an Engineering Foundation Conference

FLUID-PARTICLE INTERACTION IV

Davos, Switzerland

12–17 May 1996

A forum for researchers and practical engineers

- basic phenomena—key advances
- practical analytical methods
- industrial applications
- status of prediction capability

For further information contact:

Professor Graham Wallis
Thayer School of Engineering
Dartmouth College
8000 Cummings Hall
Hanover, NH 03755-8000
U.S.A.
e-mail: graham.b.wallis@dartmouth.edu

or

Professor Gad Hetsroni
Department of Mechanical Engineering
Technion
Israel Institute of Technology
Haifa 32000
Israel
e-mail: hetsroni@energy.technion.ac.il

*Call for Papers*SECOND INTERNATIONAL SYMPOSIUM
NUMERICAL METHODS FOR MULTIPHASE FLOWS1996 ASME FLUIDS ENGINEERING DIVISION
SUMMER MEETING

San Diego, CA, U.S.A.

7–11 July 1996

The Multiphase Flow Committee and the Coordinating Group on Computational Fluid Dynamics are organizing a symposium on numerical methods for multiphase flows. The purpose of the symposium is to provide a forum for the representation of current activities and new ideas in the development of computational methods for multiphase flows and mathematical models.

Scope:

The submitted papers should address the new applications of conventional techniques or new, more efficient, numerical methods which provide more accurate solutions to gas–liquid, gas–particle and solid–liquid flows

as well as three phase flows. Papers on the development of numerical models are also welcomed. Typical topics may include:

- direct numerical simulations
- finite element techniques
- improved finite difference methods
- vortex simulations
- large eddy simulations
- two-fluid models
- Lagrangian models

Prospective authors should submit three copies of a 300 word abstract to an organizer as soon as possible. Full length draft papers will be due 20 October 1995. These papers will be reviewed and notification of acceptance will be made on 12 January 1996. The complete paper prepared according to ASME format will be due on 8 March 1996.

Abstracts may be sent to:

Clayton T. Crowe
 Department of Mechanical & Materials Engineering
 Washington State University
 Pullman, WA 99164-2920
 U.S.A.
Tel: (509) 335-3214
Fax: (509) 335-4662
e-mail: crowe@mme.wsu.edu

Yutaka Tsuji
 Department of Mechanical Engineering
 Osaka University
 Yamada-oka 2-1, Suita
 Osaka, Japan
Tel: 06-877-5111
e-mail: tsuji@mupf.meim.osaka-u.ac.jp

Andrea Prosperetti
 Department of Mechanical Engineering
 The Johns Hopkins University
 Baltimore, MD 21218
 U.S.A.
Tel: (410) 516-8534
Fax: (410) 516-7254
e-mail: prosper@polaris.me.jhu.edu

Martin Sommerfeld
 Lehrstuhl für Stromungsmechanik
 Freid-Alex Universitat
 D-8520 Erlangen
 Germany
Tel: 09131-859501
Fax: 09131-859503
e-mail: martin.sommerfeld@cnve.univerlengen.de

Rich Johnson
 INEL, P.O. Box 1625
 Idaho Falls, ID 83415
 U.S.A.
Tel: (208) 526-0955
Fax: (208) 526-6970
e-mail: rwy@inel.gov

Preliminary Announcement

INTERNATIONAL SYMPOSIUM ON
 MODELLING OF DISPERSED TWO-PHASE FLOW

Organized by
 EFCE Working Party on Multiphase Fluid Flow
 Czech Society of Chemical Engineering

to be held along with
 12th International Congress CHISA'96
 Prague, Czech Republic

25-30 August 1996

Scope:

Papers are sought dealing with the gas-liquid and gas-solid dispersed flows.

Topics:

Mechanics of drop, bubble and particle flows, interfacial dynamics, phase separation, instabilities.

Scientific Committee:

B. J. Azzopardi (U.K.), *Chairman*
M. Bohnet (Germany), *Co-Chairman*
P. Andreucci (Italy)
V. A. Borodulya (Belorussiya)
J. Drahoš (Czech Republic)
M. Giot (Belgium)
G. Hetsroni (Israel)
H. Lemonnier (France)
R. V. A. Oliemans (The Netherlands)

All submitted papers will be refereed and those reaching the standards required for publication in the *International Journal of Multiphase Flow* will appear in a special issue of the journal.

For further information contact:

J. Drahoš
Institute of Chemical Process Fundamentals AS CR
CZ-166 02 Praha 6
Czech Republic
Tel: +42 2 320950
Fax: +42 2 342073
e-mail: drahos@icpf.cas.cz