

Announcements

CALL FOR PAPERS

International Symposium on Jets and Cavities

ASME Winter Annual Meeting, November 17–21, 1985, Miami Beach, Florida, USA

AN INTERNATIONAL Symposium on Jets and Cavities is being planned by the Multiphase Flow Committee of ASME's Fluids Engineering Division.

Purpose

Jets and cavity flows play an important role in industry applications as well as providing a fertile ground for academic research. Engineering applications of jets and cavities are found in fluid machinery, modern machine tools, impingement loading on structures, marine propulsion systems and numerous other areas.

The purpose of this symposium is to provide an opportunity for engineers and scientists involved in these areas to meet in common sessions to discuss the state-of-the-art, exchange ideas and steer future directions in these areas.

Scope

The scope of the symposium covers the following subject areas:

- Analytical methods and computational techniques for solving fluid dynamics of cavity flows, free jets, submerged jets, and multiphase flow jets.
- Testing and experimental study of jets and cavities.
- Modeling of physics (such as turbulence modeling in multiphase flow jets, etc.) and correlation development.
- Jets and cavities in fluid machinery (such as jet pumps, ship propellers, pumps, etc.).
- Other related areas.

Selection of technical papers

Papers for presentation at the symposium will be selected based upon submitted abstracts of between 500 and 1000 words, typed double-spaced, including supporting figures and tables if necessary. The abstract should state clearly the purpose, results, and conclusions. The summaries will be used for preliminary paper selection and for planning the content of the symposium sessions. The final acceptance of the papers will be based upon review of the complete manuscript. The accepted papers will be published in a single volume which will be available at the symposium. After the symposium, the authors will be free to submit their papers to a journal if they wish.

Deadlines

December 1, 1984	Abstracts due
January 1, 1985	Notification of abstract acceptance
March 1, 1985	Complete manuscript due
May 1, 1985	Notification of paper acceptance
June 15, 1985	Author-prepared mats due

Symposium organizers

Dr J. H. Kim, Electric Power Research Institute, 3412 Hillview Avenue, P.O. Box 10412, Palo Alto, CA 94303, U.S.A. (415) 855-2671

Prof. B. R. Parkin, Applied Research Laboratory, Pennsylvania State University, P.O. Box 30, State College, PA 16801, U.S.A. (814) 865-1741

Dr O. Furuya, Tetra Tech. Inc., 630 North Rosemead Blvd., Pasadena, CA 91107, U.S.A. (213) 449-6400

Advance notice and call for papers

Euromech 194—Simultaneous Heat and Mass Transfer in Porous media

July 2–5, 1985, Nancy, France

Aim of the colloquium

The objective is to provide opportunities for European scientists and for some scientists from outside Europe to meet each other and to exchange ideas about the latest development in their research activities in the field of simultaneous heat and mass transfer in porous media.

Scientific programme

The scientific programme consists of lectures, papers or video presentations.

Five main topics are planned:

- Moisture migration mechanisms: capillary and adsorbed water, gaseous phase.
- Transfer mechanisms and mathematical model (mechanical and thermodynamical approaches).

- Determination and measurement technics of the thermophysical properties of the media.
- Drying mechanisms with various materials : wood, paper, textile, food products . . .
- Hygrothermal behaviour of building materials.

Contribution to the colloquium, paper selection and deadline

The number of participants is being limited to about 70, the Scientific Committee would like to know as soon as possible if you plan to attend or submit a paper. Accordingly, those who wish to present a paper are asked to provide the title of the paper and the name and address of the authors before **November 15, 1984**.

Authors must prepare a camera-ready abstract to be photographed for reproduction. Each abstract is limited to the length of four pages with figures and typed single spaced on 21×29.7 cm plain paper with a border of 4 cm on all sides. Paper title, authors' names, addresses and affiliations must be typed at the top.

In any case the deadline for the submission of abstracts is March 1, 1985

The authors will be notified of the acceptance of their papers by April 1, 1985.

Nancy can be easily reached by intercity trains connecting the city to Paris (2 hours 30 minutes). The weather in Nancy in the beginning of July is generally very pleasant (22°C).

At the conference; each participant will receive at the time of registration in Nancy a book of the programme and of the abstracts of all accepted papers.

Registration

Registration fees : 1000 FF, including abstract book and programme and lunch.

For information contact :

Euromech 194, M. G. Martin, Chairman of the Colloquium, L.E.M.T.A. E.N.S.E.M., 2 rue de la Citadelle—B.P. 850, 54011 Nancy Cedex, France. Tel. : (8)332 39 01.