

## CALL FOR PAPERS

### INTERNATIONAL SYMPOSIUM ON JETS AND CAVITIES

ASME Winter Annual Meeting  
November 17-21, 1985  
Miami Beach, Florida, U.S.A.

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 provide 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 state-of-the-art, exchange ideas and steer future directions in these areas.

#### SCOPE

The scope of the symposium consists of 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 in a journal they wish.

#### DEADLINES

December 1, 1984	Abstracts due
January 1, 1985	Notification of abstract acceptance
March 1, 1985	Complete manuscripts 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 USA  
(415) 855-2671

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

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