

The registration fee is US \$150. This fee covers all lecture notes, breakfasts, luncheons and banquets during the seminar. For further information contact:

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Call for Papers

FOURTH INTERNATIONAL SYMPOSIUM ON LIQUID-SOLID FLOWS

Seattle, Washington, U.S.A.
23-26 June 1991

The symposium is being organized by the ASME (FED-Multiphase Flow Committee), in collaboration with the ASCE (Committee on Granular Flow) and the JSME during the ASME-JSME Meeting in Seattle.

Purpose

The purpose of the symposium is to provide a forum for the presentation of new developments in particulate two-phase flow research: theory, computational methods, experimental results, fluid machinery and erosion wear. New concepts and innovative methods of investigation are encouraged. Liquid-solid flows are widely applied in industrial installations and require specific computational methods and experimental techniques. Typical applications are in mechanical, mining and chemical processes, slurry transportation, paper industry processes and nuclear reactors.

Scope

Contributed papers are solicited in the following areas:

- Modeling liquid-solid mixture flows, particle dynamics and phase interactions
- Multicomponent flow
- Experimental results, specific instrumentation, flow visualization and LDA
- Particle-wall interaction
- Two-phase flow in fluid machinery
- Applications

The following sessions are tentatively planned:

Liquid-solid flow modeling
Micromechanical models
Numerical methods

Multicomponent flow
Slurry flow measurements
Surface phenomena, applications

Selection of papers and deadlines

- **Abstracts are due by 10 July 1990.** Three copies of a one-page abstract that clearly states the purpose, results and conclusions should be provided.
- Notification of accepted abstracts by 10 August 1990.
- **Manuscripts submitted by 1 October 1990.** Authors must submit three copies of the complete manuscript for review. Manuscripts are to be prepared in accordance with ASME standards (see for instance *Journal of Fluids Engineering*) and should not exceed 24 pages including double-spaced typewritten text, figures and tables.
- Notification of accepted manuscript by 15 December 1990. Editorial comments will be enclosed in the mail.
- ASME mats of the complete paper by 15 February 1990. Author prepared papers presented at the symposium will be *bound in a volume* which will be available at the meeting. Papers accepted for the symposium may also be submitted for a journal publication.

Abstracts should be addressed to:

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