ANNOUNCEMENTS

3rd MULTI-PHASE FLOW AND HEAT TRANSFER SYMPOSIUM–WORKSHOP

18–20 April 1983
Miami Beach, Florida, U.S.A.

Presented by: Clean Energy Research Institute, University of Miami

In co-operation with: International Association for Hydrogen Energy, Mechanical Engineering Department, University of Miami

World multi-phase flow event

After the previous two successful symposium-workshops on multi-phase flow and heat transfer topics, the third symposium in the series is now being planned. In the tradition established by earlier meetings, it will provide an event worthy of this important subject.

Objective

This symposium will provide the latest information on the status of multi-phase flow and heat transfer research, development and applications. It will also establish a rational basis for identification of areas of multi-phase flow and heat transfer for further research and development. In keeping with these objectives, invited speakers will present lectures on various aspects of multi-phase flow and heat transfer research; and workshop discussions will be held among the representatives of universities, research establishments and industrial organizations.

Program format

Three days of lectures and paper presentations combined with workshop sessions are planned. The first two days will be devoted to the lectures and presentations, and the third day to the workshop sessions. The program will include sessions on:

Multi-phase flow fundamentals	Reactor safety
Mathematical modelling	Fluidized bed reactors
Heat and mass transfer	Pipeline transportation of solids (coal)
Pressure losses	Gas–solid flows
Two-phase/multi-phase instabilities	Slurries
Measurement techniques	Catalytic solid–gas reactions
Interface phenomena	Boiling induced scale formation
Multi-phase pumps	Evaporator and boiler design
Energy applications	Condensers

Information

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