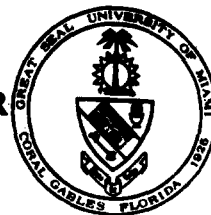




## CALL FOR PAPERS!

# 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  
Mathematical modelling  
Heat and mass transfer  
Pressure losses  
Two-phase/multi-phase instabilities  
Measurement techniques  
Interface phenomena  
Multi-phase pumps  
Energy applications

Reactor safety  
Fluidized bed reactors  
Pipeline transportation of solids (coal)  
Gas-solid flows  
Slurries  
Catalytic solid-gas reactions  
Boiling induced scale formation  
Evaporator and boiler design  
Condensers

### *Call for papers*

The Conference committee solicits your high quality prospective papers. Please send title and abstract (about 400 words) as soon as possible, but not later than 30 October 1982 to:

Dr. T. Nejat Veziroglu  
Director, Clean Energy Research Institute  
University of Miami  
P.O. Box 248294  
Coral Gables, FL 33124, U.S.A.

The authors of the selected abstracts will be informed by 30 November 1982. The final manuscripts (one original and two copies) will be due by 1 March 1983.