

## ANNOUNCEMENTS

### MULTIPHASE FLOW AND HEAT TRANSFER A SHORT COURSE FOR ENGINEERS

Argonne National Laboratory  
Argonne, Illinois, U.S.A.

17-19 May 1988

#### *Purpose*

Multiphase flow and heat transfer is of major importance to engineers in the automotive, chemical, cryogenic, nuclear, petroleum and other industries. The objective of this course is to provide the practicing engineer with a working knowledge of multiphase flow and heat transfer fundamentals that can be used in design and system analysis.

#### *Lecturers*

The featured keynote guest lecturer will be J. M. Delhaye, Nuclear Research Center, Grenoble, France. Other instructors are: M. L. Corradini, Mechanical Engineering Department, University of Wisconsin, Madison; M. Ishii, Reactor Analysis and Safety Division, Argonne National Laboratory; G. Kocamustafaogullari, Mechanical Engineering Department, University of Wisconsin, Milwaukee; J. A. Orozco, Mechanical Engineering Department, University of Illinois at Chicago; and M. Tan, Reactor Analysis and Safety Division, Argonne National Laboratory.

#### *Registration*

Tuition is \$600 and covers coffee breaks, lunches, lecture notes and dinner on the first evening. Limited registrations are available for students at a special rate of \$250.

This short course is sponsored by the Multiphase Flow Research Institute and organized by Argonne National Laboratory and the Midwest Universities Energy Consortium.

To register and to receive a program contact:

James P. Hartnett  
Executive Secretary  
Midwest Universities Energy Consortium Inc.  
312/996-4490; P.O. Box 5478  
Chicago, IL 60680, U.S.A.

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### MODERN DEVELOPMENTS IN BOILING HEAT TRANSFER AND TWO-PHASE FLOW

Center for Multiphase Research  
Rensselaer Polytechnic Institute  
Troy, NY 12180-3590, U.S.A.

26 June-1 July 1988

#### *Seminar content*

- Elements of two-phase flow
- Two fluid modelling
- Phase distribution phenomena
- Flashing and critical flow