

- Wave propagation phenomena in two-phase flows
- Two-phase flow dynamics
- Elements of boiling heat transfer
- Boiling heat transfer applications
- Augmentation of boiling heat transfer
- Evaporation of thin liquid films

Lecturers

- A. E. Bergles
- D. A. Drew
- O. C. Jones Jr
- R. T. Lahey Jr
- M. Z. Podowski
- P. C. Wayner

Cost

The seminar fee is \$1050.00.

Information

For further information on this seminar contact:

Ms Joan E. Masterson
Office of Continuing Studies
Rensselaer Polytechnic Institute
Troy, NY 12180-3590, U.S.A.
Tel.: (518)276-8351

*CALL FOR PAPERS***1988 INTERNATIONAL CONFERENCE ON
HEAT TRANSFER IN ENERGY CONSERVATION**

Shenyang, People's Republic of China

6-9 October 1988

Purpose

The conference encourages scientific and technical information exchange among basic research scientists, developmental engineers and manufacturers interested in industrial energy conservation. The conference will focus on industrial processes such as heating, cooling, evaporation, condensation, chemical reactions, thermodynamic flows etc., as they relate to industrial plants, boilers, furnaces and reactors. Environmental control facilities will also be reviewed. The conference sponsors include: Northeast University of Technology, China; Shenyang Society of Energy Resources; Shenyang International Conference Center for Science and Technology, China; Japan Association for Heat Pipes; and the Energy Resources Center, University of Illinois at Chicago, U.S.A.

Suggested paper topics

This conference is open to all papers dealing with heat transfer and energy conservation, particularly as they relate to industrial process described above. Other significant areas include: fundamental theory, heat pipe and exchanger technologies and applications, and computer design applications of exchangers.

Submissions and registration

For registration information and a copy of the program please contact J. P. Hartnett, Energy Resources Center, University of Illinois at Chicago, P.O. Box 4348, Chicago, IL 60680, U.S.A.; Tel.: (312)996-4490.

Authors submitting papers should forward a complete paper in (English) to the address below no later than 30 April 1988.

Mr Zhao Hong-wen
Shenyang International Conference Center for
Science and Technology
No. 3, Li3, Section 4, Minzu Street
Shenyang, People's Republic of China

FOURTH INTERNATIONAL TOPICAL MEETING ON NUCLEAR REACTOR THERMAL-HYDRAULICS

Kongreßzentrum Karlsruhe, F.R.G.

10–13 October 1989

*Sponsored by the European Nuclear Society (ENS),
the American Nuclear Society (ANS) and the Thermal Hydraulics Division
Kernforschungszentrum Karlsruhe (KfK)*

The meeting will cover sessions on all aspects of nuclear reactor thermal-hydraulics for light water, liquid metal fast breeder, gas-cooled and fusion reactors, including advanced designs, under normal operation and/or design basis and severe accident conditions.

Sessions are intended on the following topics:

- Single- and two-phase flow and heat transfer
- Multi-dimensional and countercurrent effects in reactor systems
- Fuel-coolant interaction
- Fluid-structure interaction
- Heat removal by natural convection
- Melt front propagation
- Thermal disintegration of materials, aerosol generation, scrubbing, transportation and condensation phenomena in containments
- Hydrogen burning
- Pebble and debris bed thermal-hydraulics
- Laminar, turbulent and stratified flow in reactor components
- Magneto-hydrodynamics of liquid metal flow
- Mathematical methods in thermal-hydraulics
- Computer code development and application.

Submission dates

Deadline for 300-word abstracts:	1 July 1988
Authors notification:	1 September 1988
Full papers due for review:	15 December 1988

For further information please contact:

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