

## ANNOUNCEMENTS

### A Special Issue on Parallel, Vector and Super Computing of Fluid Flows

Following many enquiries about papers on the subject of advanced numerical methods in fluids, the *International Journal for Numerical Methods in Fluids* will organize special issues on the Parallel (and/or), Vector (and/or) and Super Computing (abbreviated as PVSC) in fluid dynamics. Papers from all areas and disciplines of computational fluid dynamics will be considered. Submitted papers will include topics from broad area of PVSC, for example:

- analysis of PVSC schemes.
- applications of schemes on PVSC machines.
- adapting and/or tailoring known schemes and techniques.
- performance evaluation of numerical fluid

dynamics codes, schemes and techniques on a specific PVSC engine.

- software tools for PVSC machines.
- PVSC algorithms and techniques.
- large scale numerical fluid dynamics.

State of the art articles and review papers are encouraged. It is expected that more than one issue of the journal will be devoted to this important subject.

Papers for consideration and other enquiries should be sent to:

Dr. Avi Lin  
Department of Mathematics  
Temple University  
Philadelphia, PA 19122  
U.S.A.

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### FOURTH INTERNATIONAL TOPICAL MEETING ON NUCLEAR REACTOR THERMAL HYDRAULICS (NURETH-4)

Kongreßzentrum Karlsruhe, F.R.G., 10-13 October, 1989

Sponsored by: Kernforschungszentrum Karlsruhe (KfK), Kerntechnische Gesellschaft (KTG), Verein Deutscher Ingenieure (VDI), Société Française d'Énergie Nucléaire (SFEN), European Nuclear Society (ENS), American Nuclear Society (ANS), Thermal Hydraulics Division, Atomic Energy Society of Japan (AESJ)

The meeting will cover all aspects of nuclear reactor thermal hydraulics for light water, liquid metal fast breeders, 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 strati-

fied flow in reactor components; magnetohydrodynamics of liquid metal flow; mathematical methods in thermal hydraulics and computer code development and application.

Deadline for 300-word-abstracts: 1 July, 1988.

Authors notification: 1 October, 1988.

Full papers due for review: 15 January, 1989.

For further information please contact:

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# Colour illustrations in IJNMF

*Commencing in 1989 this journal will publish a limited number of colour illustrations to accompany papers where appropriate.*

*These illustrations will be printed as a plate section within the paper in which they appear.*

*Authors wishing to submit colour illustrations should refer to item 13 of the Notes to Contributors in this issue.*

*This new development will, we hope, enhance the presentation of the papers in question and add to the overall quality of the Journal.*

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