

CALL FOR PAPERS**COMPUTATIONAL MODELLING OF THERMAL-FLUID SYSTEMS**

23rd ASME/AIChE/ANS National
Heat Transfer Conference
August 6–9, 1985
Denver, Colorado

The American Nuclear Society's Thermal-Hydraulics Division plans to sponsor a technical session(s) on "Computational Modelling of Thermal-Fluid Systems" at the 23rd National Heat Transfer Conference. Both computational and numerically-related analysis pertinent to the use of computers in the analysis of fluid behavior in engineering systems. Both single-phase and multi-phase (gas, liquid, solid) flows will be considered including phase change phenomena. Contributed papers are solicited in, but not restricted to, the following areas:

- Numerical stability and well-posedness—problem closure
- New and efficient computational techniques
- Comparison of discrete and lumped parameter analysis
- Turbulence and turbulent fluid effects
- Problem initiation for transient analysis
- Constitutive law formulations

Papers verifying computational models with exact solutions or well detailed experimental results will be especially welcome.

In submitting abstracts and papers, the following schedule must be followed:

- 400/500 word Abstract (4 copies) due: 11/15/84
- Authors notified of Abstract acceptance: 12/1/84
- Four (4) copies of Manuscript due to Session Chairman for review: 1/15/85
- Authors notified of papers acceptance: 3/1/85
- Author-prepared mats due: 4/7/85

All accepted papers will be published in a bound volume available at the meeting. Papers of archival value will be recommended for possible publication in an appropriate journal.

Send all abstracts or inquiries to: either Session Co-Chairman

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