

## ANNOUNCEMENTS

### CHEMECA 1990 AUSTRALASIAN CHEMICAL ENGINEERING CONFERENCE

Auckland, New Zealand

*27-31 August 1990*

The Chemical Engineering Group (New Zealand), a joint technical group of the Institution of Chemical Engineers (London) and the Institution of Professional Engineers of New Zealand, is organizing this international conference—a major event for the chemical and processing industries in the Australasian region. Those interested in participating in the conference should contact:

Dr J. J. J. Chen  
Conference Secretary  
CHEMECA 1990  
Department of Chemical and  
Materials Engineering  
University of Auckland  
Auckland  
New Zealand

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### *Call for Papers*

### INTERNATIONAL SYMPOSIUM ON GAS-LIQUID TWO-PHASE FLOWS

ASME WINTER ANNUAL MEETING

Dallas, Texas, U.S.A.

*25-30 November 1990*

The symposium is sponsored by the Multiphase Flow Committee of the ASME (American Society of Mechanical Engineers) Fluid Engineering Division.

Gas-liquid flows appear in many engineering systems covering a wide range of applications; boilers and condensers, chemical process plants, nuclear reactors, electronic equipment cooling, and evaporators of refrigeration systems, to name a few. The purpose of the symposium is to provide an opportunity for engineers and scientists to meet in common technical sessions to present the state-of-the-art, discuss new developments, and exchange ideas in this important area.

#### *Scope*

Papers are solicited which deal with any aspect of gas-liquid two-phase flow problems: experimental, numerical, analytical, modeling and design. Topics covered in the symposium include but are not limited to the following:

- hydrodynamic modeling
- transport phenomena at phase interfaces
- two-phase flow instabilities
- instrumentation for two-phase measurements
- flow patterns and transitions

- phenomena in multi-component two-phase flows
- scaling of gas-liquid flow systems
- dynamics of bubbles, sprays and droplets
- turbulence in two-phase flows
- new industrial applications of two-phase flows
- two-phase flows in micro-gravity environment

*Paper submission and selection*

Authors should submit **four** copies of abstracts of between 300 and 500 words, preferably including figures and tables, if any. The covering letter for the abstract should contain: (1) five keywords to describe and categorize the work easily; and (2) name, address, phone number, telex number and telecopy number (if any) of the author to whom subsequent correspondence should be directed. The abstract will be used for preliminary screening and planning for the sessions. The final acceptance of the papers will be based upon the review of the complete manuscript according to ASME standards. All accepted papers will be published in a symposium volume available at the meeting. After the symposium, authors will be free to submit their papers to a journal if they wish.

*Deadlines*

1 December 1989	<b>Four</b> copies of abstract due
1 January 1990	Notification of abstract acceptance
1 March 1990	Full-length papers due
1 May 1990	Notification of final paper acceptance
15 June 1990	Author-prepared mats due

*Symposium organizers*

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## NINTH INTERNATIONAL HEAT TRANSFER CONFERENCE

Jerusalem, Israel

*19-24 August 1990*

### ABOUT THE CONFERENCE

The International Heat Transfer Conferences are held every 4 years with the purpose of bringing together the international heat transfer community. The conference will cover both fundamental and applied topics in heat transfer.

The format of the conference will be arranged with the major elements being: general papers presented in poster sessions; keynote papers by invited speakers; panel sessions on special subjects; film and video sessions; equipment and book exhibitions; and social and tour activities.

### CALL FOR GENERAL PAPERS

The purpose of general papers is to report original, unpublished findings in heat transfer. All general papers will be reviewed under the direction of the International Science Committee. Accepted papers will be required on author-prepared mats in English only, and will be published in the proceedings of the conference. Authors are required to present their papers in poster sessions personally.