

## 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  
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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