



ANNOUNCEMENT

CALL FOR PAPERS

CHARACTERIZATION OF FLOW PATTERNS IN MULTIPHASE FLOW SYSTEMS

1998 ASME International Congress and Exposition (IMECE98)

Anaheim, California

15–20 November 1998

The K-13 Nucleonics Heat Transfer Committee of the ASME Heat Transfer Division is sponsoring a technical session on "Characterization of Flow Patterns in Multiphase Flow Systems" at the 1998 ASME International Congress and Exposition (IMECE98) to be held in Anaheim, California, 15–20 November, 1998. The goal of the session is to bring together researchers, scientists and engineers who are interested in modern methods and techniques for identification and characterization of flow patterns/regimes in all types of multiphase flow systems. Papers are sought covering a broad range of modelling, numerical and experimental investigations. Appropriate topics for this session include, but are not limited to, the following:

- Modern studies of internal structure and flow pattern definition in multiphase flow.
- New methods in time series analysis. Characterization of voidage and pressure signal.
- Industrial and laboratory applications in fluidized beds, boiling systems, combustion, manufacturing and material processing technologies, etc.
- Emerging models and methods for identification and characterization of a flow pattern in multiphase flow systems. Nonlinear dynamics and complex systems identification methods. Identification of chaos in multiphase flows and the control of chaos.

The planning schedule for this session is:

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|---------------------------------------------|-----------------|
| • Three copies of a 500 words abstract due: | 5 January 1998 |
| • Notification of abstract acceptance due: | 2 February 1998 |
| • Full-length paper due for review: | 16 March 1998 |
| • Notification of paper acceptance: | 18 May 1998 |
| • Final paper on mats due: | 6 July 1998 |

Three copies of a 500 words abstract should be submitted to one of the following session organizers:

Dr. Jovica R. Riznic
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A copy of the abstract with an indication of the session (i.e., *Characterization of Flow Patterns in Multiphase Flow Systems*) should be submitted to the 1998 IMECE Technical Program Chair:

Dr. Ralph A. Nelson, Jr.,
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