

ANNOUNCEMENTS

NINTH INTERNATIONAL HEAT TRANSFER CONFERENCE

Jerusalem, Israel

19–25 August 1990

The International Heat Transfer Conferences are held every 4 years under the auspices of the Assembly for International Heat Transfer Conferences with the purpose of bringing together the international heat transfer community and propagating the science and art of heat transfer. The conferences cover both fundamental and applied topics in heat transfer.

The *Scientific Program* of the 9th IHTC consists of 26 keynote lectures, some 410 general papers to be presented in 21 poster sessions, an open poster forum, 14 panel discussion sessions, several short courses, professional tours and a technical exhibition. An invigorating *Social and Tours Program* is planned. The keynote lecturers, general papers and panelists have already been selected.

OPEN POSTER FORUM—LATEST RESULTS

“Last Minute—Latest Results” can be introduced in the special Open Poster Forum. The presentations in the special poster session will not be included in the proceedings. Presentations accepted by 10 July 1990 will be confirmed by 30 July and included in the final program.

Authors who wish to present posters at the Open Poster Forum should submit abstracts of about 200 words, typewritten in English, to:

Professor Y. Taitel
Department of Fluid Mechanics & Heat Transfer
Tel Aviv University
Ramat Aviv
Tel Aviv 69978, Israel

PRELIMINARY PROGRAM

The Second Announcement and Preliminary Program of the Conference is available, upon request. It includes information about the *Pre-Conference Short Courses*: Compact Heat Exchangers by R. K. Shah; Experimental Heat Transfer by R. J. Moffat; and Solar Heat and Power Generation by F. Kreith and J. F. Kreider. *Post-Conference Short Courses* are also considered: Cooling of Electronic Equipment by A. Bar-Cohen; and Numerical Heat Transfer by S. V. Patankar. Information about these courses is available from the secretariat:

Conference Chairman
Professor S. Sideman
Department of Biomedical
Engineering
Technion, I.I.T.
Haifa 32000, Israel

Conference Secretary
Professor Y. Zvirin
Faculty of Mechanical Engineering
Technion, I.I.T.
Haifa 32000, Israel

Secretariat, IHTC 9
Peltours—Conventions Division
P.O. Box 394
Tel Aviv 61003, Israel
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Call for Papers

INTERNATIONAL SYMPOSIUM ON TURBULENCE MODIFICATION IN MULTIPHASE FLOWS

JOINT ASME–JSME ANNUAL MEETING

Portland, Oregon, U.S.A.

23–27 June 1991

PURPOSE

Experimental studies have shown that the turbulence of a carrier fluid is considerably modified by the presence of dispersed particles or bubbles. Both reduction and enhancement of turbulent kinetic energies have been

experimentally observed and a number of mechanisms have been discovered which contribute to these phenomena. In parallel with the experimental results, analytical and numerical studies are underway to attempt to explain and model the complex interactions between the phases, which modify the structure and intensity of turbulence.

The purpose of this international symposium is to provide a forum for researchers of all countries and to discuss current analytical, numerical and experimental developments in this area of multiphase flows. The symposium is the second of its kind, the first one having taken place in San Diego during the *ASME Spring Annual Meeting on Applied Mechanics*.

ORGANIZATION AND SCOPE

The symposium is organized by the Multiphase Flow Committee of the ASME Fluids Engineering Division. Four sessions are planned with emphasis on the fundamental aspects of turbulence modification in any type of multiphase flow. Two invited papers are planned. Contributed papers are solicited in (but are not restricted to) the following areas:

1. New experimental results on turbulence enhancement or reduction in dispersed multiphase flows.
2. The effect of sizes and shapes of particles or bubbles on fluid turbulence.
3. Multiphase turbulence closure equations.
4. Analytical approaches to the problem of turbulence modification.
5. Mechanisms of turbulence modification.
6. Numerical results with turbulence modification codes.
7. Industrial applications where the effects of turbulence modification are documented.

SELECTION OF TECHNICAL PAPERS

Authors are requested to submit two copies of an extended abstract of 100–200 words for evaluation by the symposium organizers. The extended abstract should clearly state the purpose, results and conclusions (or tentative conclusions) of the project with supporting figures and tables if necessary. The abstracts should be sent to either Professor Michaelides, Professor Serizawa or Professor Fukano at the addresses shown below. The final acceptance of the papers will be based on a review of the complete manuscript according to established ASME practice.

SYMPOSIUM DEADLINES AND PUBLICATION

30 June 1990	Extended abstracts due
15 August 1990	Authors notified of abstract's acceptance
30 September 1990	Complete papers due
12 December 1990	Authors notified of final paper acceptance
15 February 1991	Final manuscript due on author-prepared mats

All the accepted papers will be published by the ASME in a symposium volume available at the *1991 Spring Annual Meeting*.

SYMPOSIUM ORGANIZERS

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