

ANNOUNCEMENTS

THIRD SYMPOSIUM ON TURBULENT SHEAR FLOWS

(9-11 September 1981)

University of California, Davis

Purpose

The Symposium aims to advance understanding of the physical processes of turbulent motion and the capabilities for predicting momentum, heat or mass transport in turbulent shear flows.

Sessions

Approximately 20 formal sessions and panel discussions are planned. Contributed papers are welcome in the following general areas:

Fundamentals. New theories and concepts or measurements that illuminate the nature of turbulence.

Turbulence models. New developments within the framework of classical single- or two-point closures.

Heat and pollutant transport. Particular emphasis on the physics of scalar transport by turbulence whether passive or coupled through buoyancy or other agencies.

Combustion. Physical aspects of turbulence effects on premixed and diffusion flames.

Numerical schemes. New and improved numerical methods for calculating turbulent flows.

Applications. Turbulent flow calculation schemes applied to problems of engineering importance. The 3rd Symposium will focus particular attention on time-dependent phenomena in turbulence.

Abstracts

Papers selection will be based upon a reviewed, extended abstract of at least 1000 words which should be typed double-spaced and state clearly the purpose, results and conclusion of the work with supporting figures as appropriate. Five copies of the abstract should be submitted to:

Professor F. W. Schmidt, Secretary Turbulent Shear Flow Symposium
Department of Mechanical Engineering
The Pennsylvania State University
University Park, Pennsylvania 16802, U.S.A.

Deadlines

Final date for receipt of abstracts: December 1, 1980
Authors informed concerning acceptance: April 1, 1981
Final date for receipt of camera-ready

manuscripts:

July 15, 1981

A bound copy of all papers will be presented to those attending the Symposium.

3rd Symposium papers committee

J.-C. Andre
Meteorologie Nationale, France

I. S. Gartshore
University British Columbia, Canada

B. E. Launder
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IUTAM SYMPOSIUM ON HIGH TEMPERATURE GAS DYNAMICS

(14-18 September 1981)

To be held at Liblice Castle (near Prague), CSSR

THE SERIES of lectures of this Symposium will be concerned with the results of scientific research work on: Dynamics of gases heated to temperatures generating multicomponent fluid systems of physical, chemical or physico-chemical nature

(ionised and dissociated medium, combustion etc.). The lower limit of temperature is usually about 2000 K.

It is planned that the Symposium will deal with the following problems: