

## ANNOUNCEMENT

### Turbulent Shear Flows

Ninth Symposium on Turbulent Shear Flows

Kyoto, Japan, August 16–18, 1993

The Ninth Symposium on Turbulent Shear Flows aims to advance understanding of the physics of turbulent motion and capabilities for predicting momentum, heat, and mass transport processes in turbulent shear flows. Approximately 30 technical sessions are planned. Contributed papers on original work in the following general areas are invited: *Fundamentals*—measurements, theories, and concepts that illuminate the nature of turbulence; *Turbulence Models*—developments in single and two-point closures, large-eddy, and other numerical simulations; *Experimental Techniques*—improved experimental methods for single and multiphase turbulent flows; *Computation Techniques*—advances in computation methods for single and multiphase turbulent flows; *Heat and Mass Transfer*—developments in scalar modeling, related measurements, and calculations; *Chemical Reaction*—developments in modeling of turbulent flames and other reacting flows, related experiments, and calculations; *Applications*—contributions to applied turbulent flows, including those concerned with internal and external aerodynamics, climate control in buildings, automobiles, electronic-packaging, gas turbines and internal combustion engines, chemical and metallurgical processes, nuclear and wind engineering, geophysical and stratified flows, meteorology, and the environment.

Paper selection will be based on a review of extended abstracts of approximately 1000 words. Abstracts should be double-spaced and state clearly the purpose, results, and conclusions of the work with supporting figures as appropriate. Final date for receipt of abstracts is November 1, 1992. Five copies of the abstract should be mailed (abstracts sent by fax will not be accepted) to:

Professor F. W. Schmidt  
Secretary, Turbulent Shear Flows  
Department of Mechanical Engineering  
The Pennsylvania State University  
University Park, Pennsylvania 16802, U.S.A.  
Telephone: (814) 865-2072  
Fax: (814) 863-4848