

ANNOUNCEMENTS

Eleventh International Symposium on TURBULENCE University of Missouri, Rolla, MO, U.S.A., 9–12 October 1988.

The Eleventh International Symposium on Turbulence will be held at the University of Missouri, Rolla, MO, USA on 9–12 October 1988. Its main purpose is to provide a forum for new developments, state of the art concepts, new measurement techniques, recent data and numerical simulation of turbulent flows. Papers will be accepted for presentation after review of an extended abstract and ultimately considered for publication in an archival journal. Abstracts are due by 28 February 1988. For information contact the Symposium Chairman: X. B. Reed, Jr., University of Missouri-Rolla, Chemical Engineering Department, Rolla, MO 65401 U.S.A. Telephone

(314) 341–4423. Serving as members of the organizing committee are:

X. B. Reed, Jr. Co-chairman
Gary Patterson, Co-chairman
Jacques Zakin, Co-chairman
R. S. Brodkey
R. Adrian
R. Hansen
V. W. Goldschmidt
A. K. M. F. Hussain
M. Reischman
W. Tiederman
Barclay Jones

Symposium on Advances and Trends in Computational Structural Mechanics and Fluid Dynamics Sheraton National Hotel, Washington, D.C., U.S.A., 17–19 October 1988

The George Washington University and NASA Langley Research Center are organizing a Symposium on Advances and Trends in Computational Structural Mechanics and Fluid Dynamics. The emphasis in this symposium will be on interaction problems and techniques that are applicable to both the structures and fluids areas. Papers are invited on the following subjects:

Mechanistic base for constitutive relations
Reacting and non-equilibrium thermodynamics
Large eddy simulation and turbulence modelling
Computational strategies and numerical algorithms for multiprocessor computers
Advances in discretization techniques for structural and fluid problems
Adaptive and hybrid methods
Mesh and model generation
Multidisciplinary and multilevel optimization techniques
Configuration aerodynamics

Failure analysis and damage tolerance concepts of structures made of new materials
High-speed incompressible and highly-rotational internal flows
Engine–airframe integration
Experimental validation of structural and computational fluid dynamic analysis

Authors should submit five copies of an extended abstract of about 1000 words including sample Figures prior to 9 October 1987. Notification of acceptance will be given by 30 November 1987. Five copies of the final manuscript, complete with original drawings or glossy prints will be due by 15 April 1988.

A volume of proceedings will be published before the meeting. For information please contact:

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