

## ANNOUNCEMENT

### SYMPOSIUM ON COMPUTATIONAL TECHNOLOGY FOR FLIGHT VEHICLES

Sheraton National Hotel, Washington DC, U.S.A.

5-7 November 1990

The three-day symposium will bring together leading experts in the areas of computational structural mechanics, computational fluid dynamics, computational control and computer technology. In addition to the regular sessions, a hardware/software exhibit is planned. Topics covered in the symposium include:

- technology forecast for high-performance computing,
- intelligent computational modules,
- parallel processing in fluid mechanics and structures calculations,
- mechanistic base for constitutive relations,
- simulation of local phenomena in fluids and solids,
- reacting equilibrium and nonequilibrium thermodynamics,
- advances in discretization techniques (finite elements, spectral methods and boundary elements),
- probabilistic modeling of structures and fluids,
- adaptive and hybrid methods,
- mesh and model generation techniques,
- computational issues for smart/intelligent structures,
- stability and bifurcation problems,
- turbulence modeling,
- multibody dynamics,
- compressible, incompressible, transonic and reacting flows,
- advanced visualization techniques,
- multidisciplinary interactions and computations (structures/controls/aerodynamics/electromagnetics).

A hard-bound volume of proceedings will be published before the meeting. Because of the limited space, to assure yourself a place at the symposium, early preregistration at the reduced rate of \$200 is highly recommended (registration includes proceedings, three lunches, banquet and reception). Make cheques payable to George Washington University and mail **before 30 September 1990** to:

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