

## ANNOUNCEMENT

### STRUCTURAL IMPACT AND CRASHWORTHINESS

An International Conference and Exposition to be held  
at Imperial College, London, U.K. July 16 - 20, 1984

The intention of this conference and exposition is to bring together individuals and organisations concerned with predicting and explaining the consequences of impact both on and by moving structures. Such impacts include accidents, explosions and crash-cases for automobiles, marine vehicles, trains, fixed and rotary wing aircraft and also the problem of protecting sensitive nuclear or military installations.

The following problem areas will be covered by analytical prediction and experimental validation:-

- . Crashworthiness of automobiles, aircraft and trains.
- . Impact of ships and marine structures.
- . Protection of ground installations against impact by aircraft, earthquake or other transient loading.
- . Isolation of sensitive plant in buildings or vehicles.
- . Impact failure or damage in metals and composites.
- . Assessment of collapse load, damage or residual strength of metal and composite components.
- . Hydraulic shock in fluid filled structures.
- . Design of structures or body armour for optimum protection against high velocity impact.

There will be nine keynote speakers and 55 conference papers covering the spectrum of all the subject areas mentioned above. A standing exhibition will be held in the conference centre for firms and consultants to display their own specialist activities and services.

For details of the conference programme contact the Conference Secretary,

Dr. John Morton,  
Aeronautics Department,  
Imperial College,  
London, SW7 2BY,  
U.K.