

3rd I.U.T.A.M. SYMPOSIUM ON CREEP IN STRUCTURES

8-12 September 1980

University of Leicester, England

This will be the third such symposium; the first was held at Stanford University in 1960 and the second at Chalmers University, Gothenburg in 1970.

The symposium will review developments during the last ten years in all aspects of mechanics which have application to the creep of structures. As well as work on creep deformation and instabilities, which formed the centre for discussion in the previous symposia, new fields will be included. These will include, the mechanics of material degeneration, void growth and other metallurgist processes, mechanics of creep crack growth, the interaction between creep and fatigue and neutron irradiation phenomena. The overriding theme of the symposium will be the use of mechanics in the understanding of various phenomena which affect the deformation and lifetime of structures at high temperature. An international scientific committee will select papers on the basis of completed manuscripts which will be required by 1 January 1980. The Proceedings will be published in book form after the symposium.

Further details may be obtained from the Chairman of the Scientific Committee, Professor Alan Ponter, Department of Engineering, University of Leicester, Leicester LE1 7RH, England.