

## ANNOUNCEMENT

### INTERNATIONAL SYMPOSIUM ON DEFECTS AND FRACTURE

October 1980, Poland

(Organized by Institute of Fundamental Technological Research, Polish Academy of Sciences, Poland and the Institute of Fracture and Solid Mechanics, Lehigh University, U.S.A.)

With the rapid development of high-performance materials and their increasing use in vital structural applications, there is a great need to understand the way in which materials behave and fracture under load. This symposium is planned to bring together a group of experts in both mechanics and physics of defects and fracture of solids, to discuss the fundamental problems of the subject.

The suggested topics are

1. Macro and micro fracture analysis
2. Cohesion theories of solids
3. Discrete and continuous models of defects
4. Crack nucleation and propagation
5. Origins of fatigue
6. Impurity effects on fracture

Both invited and unsolicited papers will be presented. Only invited lectures will be published in book form.

The Organizing Committee is the following:

*Co-chairmen:*

Professor H. Zorski, Institute of Fundamental Technological Research, Polish Academy of Sciences, Świętokrzyska 21,00-049 Warsaw, Poland.

Professor G. C. Sih, Institute of Fracture and Solid Mechanics, Lehigh University, Bethlehem, PA 18015, U.S.A.

*Members:*

Professor D. R. Axelrad—McGill University, Dept. of Mechanical Engineering, Montreal, Que., Canada.

Professor R. Bullough—Theoretical Physics Division, Harwell, AERE Harwell, Oxfordshire, England.

Professor J. W. Provan—McGill University, Dept. of Mechanical Engineering, Montreal, Que., Canada.

Professor R. de Wit—Metallurgy Division IMR, National Bureau of Standards, Washington, D.C., U.S.A.

*Secretary*

Dr. M. Matczyński—Institute of Fundamental Technological Research, Polish Academy of Sciences, ul. Świętokrzyska 21,00-049 Warsaw, Poland.

Those interested in participation should write to the Secretary at the above address.