

## ***PLASTICITY '91***

### ***THE THIRD INTERNATIONAL SYMPOSIUM ON PLASTICITY AND ITS CURRENT APPLICATIONS***

GRENOBLE (FRANCE), AUGUST 12 - 16, 1991

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#### **FIRST ANNOUNCEMENT**

##### **SCOPE AND SPECIAL TOPICS**

The main emphasis of the symposium will be on *Anisotropic Plasticity and Deformation Localization*; however, presentations on any area of the *Plastic Behaviour of Materials* will be welcomed.

The scope of the Symposium comprises theoretical, experimental and numerical studies on the inelastic behaviour of solids subjected to quasi-static, dynamic or cyclic mechanical and thermo-mechanical loadings. Topics of interest are:

- \* plastic and viscoplastic behaviour of single crystals, single-crystalline alloys, polycrystalline metals, ceramics, polymers, composite materials, wood, ice, soils, rocks and concrete;
- \* plastic aspects of damage, failure and fracture mechanics;
- \* microscopic and macroscopic aspects of plasticity; relations between microstructures and the overall properties in Material Science and Engineering;
- \* applications to the optimization of manufacturing and forming processes;
- \* applications in Mechanical and Civil Engineering.

The symposium will include invited lectures, invited papers, contributed papers and poster presentation.

##### **PROCEEDINGS**

Compact versions of the presented papers will be published in a Proceedings volume, to be printed by a major publisher. The full-length papers will be published in the *International Journal of Plasticity* after the standard peer review process.

##### **PARTICIPATION**

Scientists who are interested in submitting a contribution are requested to send a title and a 250 words abstract as soon as possible, preferably per Fax, to the following addresses; scientists who are interested in attending the Symposium should contact the Co-Chairmen.

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