

INŽENÝRSKÁ MECHANIKA 2002 **ENGINEERING MECHANICS 2002**

NATIONAL CONFERENCE
WITH INTERNATIONAL PARTICIPATION
MAY 13 - 16, 2002, SVRATKA, CZECH REPUBLIC



Institute of Mechanics of Solids,
Faculty of Mechanical Engineering,
Brno University of Technology

Association of Engineering Mechanics

Institute of Thermomechanics,
Academy of Sciences of the Czech Republic

Institute of Theoretical and Applied Mechanics,
Academy of Sciences of the Czech Republic

ŽDAS, a.s., Žd'ár nad Sázavou

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PROCEEDINGS

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The conference will be focused on the general problems of engineering mechanics, mainly on the following topics:

- Analysis, modelling and simulation in mechanics of solids, fluids and thermodynamics
- Problems of non-linear and stochastic dynamics
- Diagnostic and identification methods in mechanics
- Interdisciplinary problems in mechanics (mechatronics, biomechanics, aeroelasticity)
- Fracture mechanics
- Complex problems in mechanical systems (e.g. drive systems)
- Reliability of mechanical systems

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