



EIGHTH ALL-RUSSIAN CONGRESS ON THEORETICAL AND APPLIED MECHANICS†

The Russian National Committee on Theoretical and Applied Mechanics, together with the Institute of Continuum Mechanics of the Russian Academy of Sciences, Perm State University, Perm State Technical University and the Administration of the Perm Region, with the participation of leading scientific establishments and universities of the country, is holding the English All-Russian Congress on Theoretical and Applied Mechanics in Perm on the 23–29 August 2001.

Information on the congress can be found on the Internet at the following address: <http://congress2001.icmm.ru>.

The work of the congress will be decided into the following three sections

- I. Theoretical and applied mechanics.
- II. Fluid mechanics.
- III. The mechanics of deformable bodies.

The first section will contain the following subsections

- I-1. Analytical mechanics and the stability of motion.
- I-2. Control and optimization in mechanical systems.
- I-3. Vibrations of mechanical systems.
- I-4. The mechanics of systems of solid and deformable bodies.
- I-5. Space flight mechanics.
- I-6. The mechanics of machinery and robots.

The second section will contain the following subsections

- II-1. Theoretical and applied fluid dynamics.
- II-2. Theoretical and applied gas dynamics.
- II-3. Hydrodynamic instability and turbulence.
- II-4. Physicochemical hydrodynamics and gas dynamics.
- II-5. Hydrodynamics and gas dynamics of multiphase media.
- II-6. Problems of hydromechanics under microgravitation conditions.

The third section will contain the following subsections

- III-1. The theory of elasticity and viscoelasticity.
- III-2. The theory of plasticity and creep.
- III-3. Waves in continuous media.
- III-4. The mechanics of fracture and damage.
- III-5. The mechanics of constructions.
- III-6. Non-classical models of the mechanics of deformable solids.

Furthermore, four complex subsections will be working within the congress:

- IV-1. Biomechanics.
- IV-2. Problems of the mechanics of natural processes.
- IV-3. The mechanics of production processes (*commissioned papers only*).
- IV-4. The teaching and history of mechanics.

Commissioned papers will be submitted in the sectional sessions, and papers in oral or stand forms, selected by the Organizing Committee from applications received, in the subsectional sessions. Each author has the right to participate in one paper only. Applications for papers in standard form will be accepted by the Organizing Committee up to 1 February 2001.

Those wishing to obtain more detailed information on the work of the congress may send their requests to the Organizing Committee at the following address

614013 Perm,
ul. Akademika Koroleva 1,
Institute of Continuum Mechanics,
Ukrainian Division, Russian Academy of Sciences,
Organizing Committee of the Eighth All-Russian
Congress on Theoretical and Applied Mechanics

or register at the congress server <http://congress2001.icmm.ru>.

The e-mail address of the Organizing Committee is: lina@icmm.ru and pol@inmech.msu.su.

Translated by P.S.C.