

ACTUAL TRENDS IN APPLIED MECHANICS

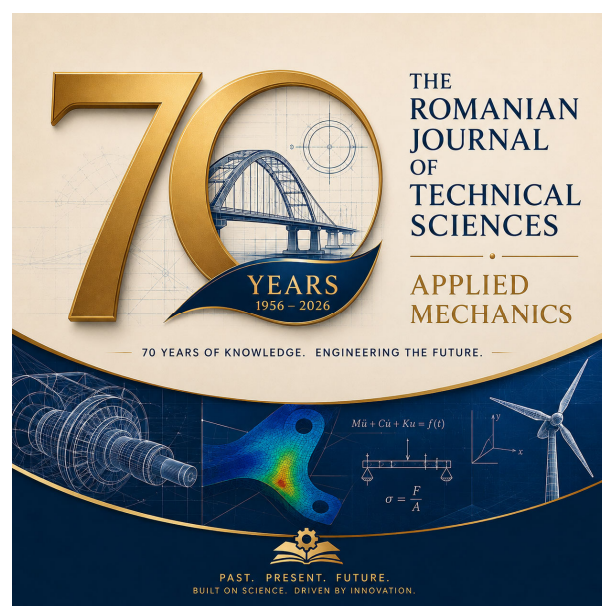
The Romanian Journal of Technical Sciences. Applied Mechanics.

Call for papers

[The Romanian Journal of Technical Sciences. Applied Mechanics](#) celebrates 70 years.

We invite contributions in the following topics:

- Astronautics (optimisation of paths generation, computation of orbits or arcs of orbits, optimisation of interorbital transfer, synchronous orbits, astro-relativity, rarefied atmosphere flight, recovering in high density atmosphere, braking and interception of spatial vehicles).
- Aeronautics (aerodynamics, flight theory, aeroelasticity, aerodynamics of internal combustion engines, aerothermodynamics of jet engines).
- Fluid mechanics (dynamics of newtonian and of non-newtonian fluids, dynamics of compressible fluids, flow of miscible fluids, flow of fluids through porous media).
- Hydromechanics (hydraulics, hydraulic structures, hydraulic turbines and pumps).
- Mechanics of deformable bodies (elasticity, plasticity, elastoplasticity, viscoelasticity, viscoplasticity, mechanics of materials, vibrations, stability).
- Mechanical engineering (kinematics and dynamics of mechanisms, friction, wear, lubrication, new methods for the analysis of machines, automation, study of surfaces, technology of solids).
- Civil engineering (methods for the static and dynamic analysis of structures, study of heterogeneous materials, soil mechanics and stability, new construction methods).
- Measurement technique
- Mechatronics.



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Key Deadlines :

- Opening date :
1st May 2026
- Closing date :
20 October 2026

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