



ICTAM 2028



Vienna, Austria

27th International Congress
of Theoretical and Applied Mechanics

August 28–September 1, 2028

INTRODUCTION

ICTAM has been held every four years since its establishment in 1924 and is the world's most prestigious conference in the field of theoretical and applied mechanics. With a foundation in tradition, a drive to connect theory and practice, and a vision to explore new horizons in mechanics, ICTAM reflects continuity and innovation alike.

THEMATIC SESSIONS & MINI-SYMPOSIA

THEMATIC SESSIONS

Fluids

- FM01** Biological fluid mechanics
- FM02** Boundary layers
- FM03** Combustion and flames
- FM04** Compressible flow
- FM05** Convection
- FM06** Drops, bubbles and interfaces
- FM07** Multiphase and particle-laden flows
- FM08** Flow instability and transition
- FM09** Thin film flows
- FM10** Geophysical and environmental fluid dynamics
- FM11** Low Reynolds number flows and suspension
- FM12** Micro- and nano-fluidics
- FM13** Non-Newtonian and complex fluids
- FM14** Computational fluid dynamics
- FM15** Turbulence
- FM16** Vortex dynamics
- FM17** Waves in fluids
- FM18** Electro- and magneto-hydrodynamics
- FM19** Emulsions and foams

Fluids & Solids

- FS01** Acoustics
- FS02** Emerging experimental techniques across scales
- FS03** Nonlinear dynamics and pattern formation
- FS04** Porous media
- FS05** Fluid structure interactions

MINI-SYMPOSIA

- MS01** Low-carbon cementitious materials: self-healing, fracture & fatigue
- MS02** Next generation metamaterials
- MS03** Shock wave-boundary layer interactions
- MS04** Particles, drops and bubbles in stratified environments

IMPORTANT DATES

Abstract Submission:	January 14, 2028
Notification Acceptance:	April 21, 2028
Registration of Presenters:	May 12, 2028
Program Announcement:	July 2028

ORGANIZER:



HOST:



Solids

- SM01** Biomechanics and biomaterials
 - SM02** Tribology-contact and friction
 - SM03** Elasticity
 - SM04** Damage & fracture mechanics
 - SM05** Geomechanics and geophysics
 - SM06** Impact mechanics and wave propagation
 - SM07** Multi-component, composites and hierarchical materials
 - SM08** Phase transformations and thermomechanical phenomena
 - SM09** Additive manufacturing
 - SM10** Multibody and vehicle dynamics
 - SM11** Nanostructures and MEMS
 - SM12** Plasticity, viscoplasticity and creep
 - SM13** Stability and instability of materials and structures
 - SM14** Computational solid mechanics
 - SM15** Vibrations and control of structures
 - SM16** Soft materials and extremely deformable structures
 - SM17** Metamaterials and topology optimization
 - SM18** Nonlinear dynamics for design
 - SM19** Foams and cellular materials
-
- FS06** Granular materials and flows
 - FS07** Optimization for solids and fluids
 - FS08** Education in mechanics
 - FS09** Reduced order modeling of fluids and solids
 - FS10** Interpretable methods for ML/AI in mechanics

- MS05** Chaotic and turbulent polymer flows
- MS06** Mechanics in medicine

VENUE

Vienna, Austria

In the Heart of Europe
Easy to Reach
High Quality of Life
Historic, Traditional & Modern

Austria Center Vienna

Centrally Located World-Class Conference Center



© WienTourismus/Christian Stemper

ICTAM2028 SECRETARIAT

Website: www.ictam2028.com
E-Mail: ictam2028@tuwien.ac.at

