

Thematic Sessions at ICTAM2020, Milan, Italy, August 23-28, 2020

*Fluids Topics*

- FM01 Biological Fluid Mechanics
- FM02 Boundary Layers
- FM03 Combustion and Flames
- FM04 Compressible Flows
- 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 Suspensions
- 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 Other Topics in Fluid Mechanics

*Solids Topics*

- SM01 Biomechanics and Biomaterials
- SM02 Tribology - Contact and Friction
- SM03 Damage Mechanics
- SM04 Elasticity
- SM05 Fracture Mechanics
- SM06 Geophysics and Geomechanics
- SM07 Impact Mechanics and Wave Propagation
- SM08 Multi-component, Composite and Hierarchical Materials
- SM09 Phase Transformations and Thermomechanical Phenomena
- SM10 Scalescale Effects in Materials
- SM11 Multibody and Vehicle Dynamics
- SM12 Nanostructures and MEMS
- SM13 Plasticity, Viscoplasticity and Creep
- SM14 Stability and Instability of Materials and Structures
- SM15 Computational Solid Mechanics
- SM16 Vibrations and Control of Structures
- SM17 Soft Materials and Extremely Deformable Structures
- SM18 Metamaterials
- SM19 Other Topics in Solid Mechanics

*Solids/Fluids Topics*

FS01 Acoustics

FS02 Exascale Computing

FS03 Experimental Methods in Mechanics

FS04 Nonlinear Dynamics and Pattern Formation

FS05 Porous Media

FS06 Fluid Structure Interactions

FS07 Smart Actuating Systems

FS08 Granular Materials and Flows

FS09 Foams and Cellular Materials

FS10 Optimization for Solids and Fluids

FS11 Inverse Problems in Fluid and Solid Mechanics

FS12 Education in Mechanics