



24th International Congress of
Theoretical and Applied Mechanics
Palais des congrès, Montréal, Canada
August 21 – 26, 2016

Call for Papers

Authors are invited to submit a paper in English to be considered for oral or poster presentation as part of either the Thematic Sessions or the Mini-Symposia at ICTAM 2016.

The deadline for submission of papers is
January 15th, 2016.



Important Dates

September 8, 2015	Call for Papers opens
January 15, 2016	Deadline for Submission of Papers
April 15, 2016	Notification of Acceptance
May 6, 2016	Early Bird and Author Registration Deadline
August 21, 2016	Congress Opens



If you would like to receive the latest information on ICTAM 2016 as it becomes available, please visit www.ICTAM2016.org and register your Expression of Interest today. If you have questions, please do not hesitate to contact us at:

Tel: +1 (613) 993-0414 Fax: +1 (613) 993-7250 Email: ICTAM2016@nrc-cnrc.gc.ca

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Scientific Program

Plenary Lectures

Opening Lecture:

W. Richard Peltier (U. Toronto)

Closing Lecture:

Norman A. Fleck (U. Cambridge)

Prize Lectures:

Batchelor Prize Lecture

Hill Prize Lecture

Mini-Symposia

Bypass Transition

Fluid Active Matter

Multiphase Flow in the Processing Industry

Nonlinear Dynamics of Engineering Systems

Soft Solid Active Matter

Topology Optimization

Thematic Sessions

Fluids Topics

Biological Fluid Mechanics

Boundary Layers

Combustion and Flames

Compressible Flow

Convection

Drops, Bubbles and Multiphase Flows

Flow Instability and Transition

Flow in Thin Films

Geophysical and Environmental Fluid Dynamics

Low Reynolds Number Flow

Micro- and Nano-fluidics

Non-Newtonian and Complex Fluids

Computational Fluid Dynamics

Turbulence

Vortex Dynamics

Waves in Fluids

Other Topics in Fluid Mechanics

Solids Topics

Biomechanics and Biomaterials

Contact and Friction

Damage Mechanics

Elasticity

Fracture Mechanics

Geophysics and Geomechanics

Impact Mechanics and Wave Propagation

Multi-component Materials and Composites

Phase and Chemical Transformations and

Thermomechanical Phenomena

Sizescale Effects in Materials

Multibody and Vehicle Dynamics

Nanostructures and MEMS

Plasticity, Viscoplasticity and Creep

Stability of Structures

Computational Solid Mechanics

Vibrations and Control of Structures

Other Topics in Solid Mechanics

Fluids/Solids Topics

Acoustics

Exascale Computing

Experimental Methods in Mechanics

Chaos and Pattern Formation

Porous Media

Fluid Structure Interactions

Actuating and Smart Materials

Granular Materials and Flows

Foams and Cellular Materials

Education in Mechanics