

# CANCAM2017

26th Canadian Congress of Applied Mechanics

Department of Mechanical Engineering, University of Victoria

Victoria, British Columbia

May 29-June 1, 2017

## OVERVIEW

The Department of Mechanical Engineering, University of Victoria, Canada, invites you to the 26<sup>th</sup> Canadian Congress of Applied Mechanics (CANCAM 2017) to be held in Victoria, British Columbia, Canada, between May 29 and June 1, 2017. Over the past fifty years, this biennial event has grown into a premiere scientific forum at which national and international researchers present their latest advances in the fields of mechanics, with applications to Mechanical, Civil, Materials, Aerospace Engineering and related fields.

## SCOPE

Original papers of four-page in length are sought from all areas related to applied mechanics, including, but not limited to:

**Thermo-Fluids Related:** Aerodynamics; Biological Fluid Mechanics; Boundary Layers; Combustion and Flames; Compressible Flow; Computational Fluid Dynamics; 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; Renewable Energy Systems; Turbulence; Vortex Dynamics; Waves in Fluids; Wind Engineering; Other Topics in Fluid Mechanics

**Solid Mechanics Related:** Biomechanics and Biomaterials; Contact and Friction; Computational Solid Mechanics; Damage Mechanics; Elasticity/Plasticity; Fracture Mechanics; Geophysics and Geomechanics; Impact Mechanics and Wave Propagation; Multibody Dynamics; Multicomponent Materials and Composites; Nanostructures and MEMS; Non-linear and Stochastic Mechanics; Phase Transformations and Thermomechanical Phenomena; Size scale Effects in Materials; Stability of Structures; Vehicle Dynamics; Vibrations and Control of Structures; Other Topics in Solid Mechanics

**Other Topics:** Acoustics; Actuating and Smart Materials; Advanced Manufacturing; Chaos and Pattern Formation; Education in Mechanics; Experimental Methods in Mechanics; Foams and Cellular Materials; Fluid Structure Interactions; Granular Materials and Flows; Mechatronics and Control Systems; Porous Media; Robotics

## FORMAT

Papers accepted for presentation will be published in the Proceedings of the CANCAM Congress. The official languages of the Congress are English and French.

## VENUE

As a major international tourist destination, Victoria offers a very wide variety of activities for all ages, all within easy reach of the campus. If you're bringing your family, there are lots of things for them to do while you're at the conference, and getting around on the bus is easy. Tourism Victoria has a range of excellent suggestions for longer tours, ranging from short one-day trips in the Victoria area to week-long Gulf Island or Native Heritage tours.

The University of Victoria offers innovative programs for more than 20,000 students. Dynamic, hands-on learning, research that makes a vital impact, and discovery and innovation in Canada's most extraordinary academic environment provide an Edge that can't be found anywhere else.

## ORGANIZING COMMITTEE

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## IMPORTANT DATES

### Initial submission deadline

Feb. 15, 2017

### Author notification deadline

Mar. 15, 2017

### Final submission deadline

Apr. 5, 2017

### Early registration deadline

Mar. 28, 2017

### Online registration deadline

May 24, 2017

### On-site registration deadline

May. 30, 2017

## ADDITIONAL INFORMATION

### Website

<https://cancam2017.me.uvic.ca>

### Email

[cancam2017@uvic.ca](mailto:cancam2017@uvic.ca)



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