

# FFHMT'17 AND EHST'17



**AUGUST 21 – 23, 2017 | TORONTO, CANADA**

## FFHMT'17

4<sup>th</sup> International Conference of  
Fluid Flow, Heat and Mass Transfer  
[www.ffhmt.com](http://www.ffhmt.com)

## EHST'17

International Conference of Energy  
Harvesting, Storage, and Transfer  
[www.ehstconference.com](http://www.ehstconference.com)

Paper Submission: **JUNE 9, 2017** | Early-Bird Registration: **JUNE 23, 2017**

The 4<sup>th</sup> International Conference of Fluid Flow, Heat and Mass Transfer (FFHMT'17) and the International Conference of Energy Harvesting, Storage, and Transfer (EHST'17) aims to become the leading annual conference in each of the specialized fields.

The goal of FFHMT'17 and EHST'17 is to gather scholars from all over the world to present advances in each of the specialized fields and to foster an environment conducive to exchanging ideas and information. These conferences will also provide an ideal environment to develop new collaborations and meet experts on the fundamentals, applications, and products of the mentioned fields. Interested authors, researchers, and industrial experts are invited to register for any of the conferences that best resonates with their technical background. At the same time, attendees are permitted, and even encouraged, to attend talks from co-located conferences.

Submissions in the form of extended abstracts, short papers, and full manuscripts are welcome. All submitted papers will be peer reviewed. All accepted and presented papers will be published in the conference proceedings, under an ISBN reference in a USB drive. The online version of the proceedings will also be published under an ISSN reference and each paper in the proceedings will be assigned unique DOIs by CrossRef. Furthermore, selected papers will be published in journal special issues.



### CONFERENCE CHAIR

**Dr. Boguslaw Kruczek**

University of Ottawa,  
Canada

Professor Boguslaw Kruczek is a graduate of the University of New Brunswick (BASc) and the University of Ottawa (PhD). He is currently serving as a Chair of the Chemical and Biological Department at University of Ottawa. His research interests include development of new membrane characterization methods, dynamic gas permeation testing, synthesis and characterization of zeolite, polymeric, nanocomposite and thin-film composite membranes for gas separation, reverse and forward osmosis application, removal of ammonia from anaerobic digesters to increase biogas production.

# SCIENTIFIC COMMITTEE MEMBERS

## FFHMT'17

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**Dr. Jules Thibault**, University of Ottawa, Canada  
**Dr. Velisa Vesovic**, Imperial College London, United Kingdom  
**Dr. Sinan Yapici**, Inonu University, Turkey

## EHST'17

**Dr. Prabir Basu**, Dalhousie University, Canada  
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**Dr. Hans-Georg Beyer**, University of Agder, Norway  
**Dr. Guoqian Chen**, Peking University, China  
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**Dr. Jai Govind Singh**, Asian Institute of Technology, Thailand  
**Dr. Wey Yang Teoh**, City University of Hong Kong, Hong Kong  
**Dr. Igor Zhitomirsky**, McMaster University, Canada

## FFHMT'17 KEYNOTES



**Dr. Aimy Bazylak**,  
University of Toronto, Canada

**Topic of Keynote:**  
Pore network modelling and in situ imaging to investigate transport in polymer electrolyte membrane fuel cells and electrolyzers



**Dr. Dana Grecov**,  
University of British Columbia,  
Canada

**Topic of Keynote:**  
Novel High Performance Lubricants for Industrial and Biomedical Applications

## EHST'17 KEYNOTES



**Dr. Curtis P. Berlinguette**,  
University of British Columbia, Canada

**Topic of Keynote:**  
Converting CO<sub>2</sub> Into Something Useful



**Dr. Michael Fowler**,  
University of Waterloo, Canada

**Topic of Keynote:**  
Power-to-Gas Pathways to a Fossil Free Energy System