

# MHMT'18

## 3<sup>rd</sup> WORLD CONGRESS ON MOMENTUM, HEAT AND MASS TRANSFER

**APRIL 12 - 14, 2018 | BUDAPEST, HUNGARY**

MHMT'18 is composed of 5 conferences, while each conference consists of an individual and separate theme, they share considerable overlap, which prompted the organization of this congress.

The goal of this undertaking is to bring together experts in each of the specialized fields, and at the same time allow for cross pollinations and sharing of ideas from the other closely related research areas. Interested authors, researchers, and industrial experts are invited to register for the conference that best resonates with their technical background. At the same time, attendees are permitted, and even encouraged, to attend talks from co-located conferences.

**Paper Submission: FEBRUARY 1, 2018 | Early-Bird Registration: FEBRUARY 20, 2018**

- ENFHT'18** 3<sup>rd</sup> International Conference on **Experimental and Numerical Flow and Heat Transfer** [www.enfht.com](http://www.enfht.com)
- ICMTOD'18** 3<sup>rd</sup> International Conference on **Mass Transfer Operation and Devices** [www.icmtod.com](http://www.icmtod.com)
- ICMFHT'18** 3<sup>rd</sup> International Conference on **Multiphase Flow and Heat Transfer** [www.icmfht.com](http://www.icmfht.com)
- CSP'18** 3<sup>rd</sup> International Conference on **Combustion Science and Process** [www.cspconference.org](http://www.cspconference.org)
- ICHTD'18** 3<sup>rd</sup> International Conference on **Heat Transfer Devices** [www.ichtd.net](http://www.ichtd.net)

### SUBMISSIONS

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**.



#### CONGRESS CHAIR & KEYNOTE SPEAKER

**Dr. Lixin Cheng**  
Sheffield Hallam University,  
UK



#### KEYNOTE SPEAKER

**Dr. Afshin J. Ghajar**  
Oklahoma State University,  
USA



#### KEYNOTE SPEAKER

**Dr. Khoo Boo Cheong**  
National University of  
Singapore (NUS)



#### KEYNOTE SPEAKER

**Dr. Sanjeev Chandra**  
University of Toronto,  
Canada



#### KEYNOTE SPEAKER

**Dr. Guodong Xia**  
Beijing University of  
Technology, China



#### KEYNOTE SPEAKER

**Dr. BoFeng Bai**  
Xi'an Jiaotong University,  
China





### Dr. Lixin Cheng

Sheffield Hallam University, UK

Dr. Lixin Cheng is Principal Lecturer and Programme Leader in Chemical Engineering at Sheffield Hallam University, UK. He obtained his Ph.D. in Thermal Energy Engineering at the State Key Laboratory of Multiphase Flow at Xi'an Jiaotong University, China in 1998. Dr. Cheng has extensive international working and collaboration experience. He was awarded an Alexander von Humboldt Research Fellowship and worked at the Institute of Process Engineering at the Leibniz University of Hanover, Germany in 2004-2006.

## SCIENTIFIC COMMITTEE MEMBERS

### ENFHT

**Dr. Panagiota Angeli**, University College London, UK  
**Dr. Rayhaneh Akhavan**, University of Michigan, USA  
**Dr. Jun Cao**, Ryerson University, Canada  
**Dr. Selva Çavus**, Istanbul University, Turkey  
**Dr. John Chai**, University of Huddersfield, UK  
**Dr. Guoqian Chen**, Peking University, China  
**Dr. Arend Dubbelboer**, Danone Nutricia Research, Netherlands  
**Dr. Mohammad Hamdan**, American University of Sharjah, United Arab Emirates  
**Dr. Mohammad Hojjat**, University of Isfahan, Iran  
**Dr. Jerhuan Jang**, Ming Chi University of Technology, Taiwan  
**Dr. Mark Jermy**, University of Canterbury, New Zealand  
**Dr. Alexander Liberson**, Rocheste Institute of Technology, USA  
**Dr. Anthony Robinson**, Trinity College Dublin, Ireland  
**Dr. Mathieu Sellier**, University of Canterbury, New Zealand  
**Dr. Hiroshi Yokoyama**, Toyohashi University of Technology, Japan

### ICMFHT

**Dr. Nabeel Al-Rawahi**, Sultan Qaboos University, Oman  
**Dr. Mostafa Barigou**, University of Birmingham, UK  
**Dr. Carlos Martínez Bazán**, Universidad de Jaen, Spain  
**Dr. John Chai**, University of Huddersfield, UK  
**Dr. Ming-Jyh Chern**, National Taiwan University of Science & Technology, Taiwan  
**Dr. Farhad Ein-Mozaffari**, Ryerson University, Canada  
**Dr. Sonia Fidder-Woudberg**, Stellenbosch University, South Africa  
**Dr. Kamiel Gabriel**, University of Ontario Institute of Technology, Canada  
**Dr. Sean Garrick**, University of Minnesota, USA  
**Dr. Dana Grecov**, University of British Columbia, Canada  
**Dr. Thomas Höhne**, Helmholtz-Zentrum Dresden - Rossendorf (HZDR), Germany  
**Dr. James Liburdy**, Oregon State University, USA  
**Dr. Yang Liu**, Hong Kong Polytechnic University, Hong Kong  
**Dr. Vipin Michael**, University of Manchester, United Kingdom  
**Dr. Masood Parang**, University of Tennessee, USA  
**Dr. Khellil Sefiane**, The University of Edinburgh, UK  
**Dr. Petr Stehlík**, Brno University of Technology, Czech Republic  
**Dr. Ooi Kim Tiow**, Nanyang Technological University, Singapore  
**Dr. Huihe Qiu**, Hong Kong University of Science and Technology, Hong Kong  
**Dr. Liping Wei**, Northwest University, China  
**Dr. Guodong Xia**, Beijing University of Technology, China  
**Dr. Fu-Ling Yang**, NTU, Taiwan  
**Dr. Jiyun Zhao**, City University of Hong Kong, Hong Kong

### CSP

**Dr. Christopher Chao**, Hong Kong University of Science & Technology, Hong Kong  
**Dr. Zheng Chen**, Peking University, China  
**Dr. Byungchul Choi**, Chonnam National University, Korea  
**Dr. Pedro Jorge Martins Coelho**, University of Lisbon, Portugal  
**Dr. Shigeru Hayashi**, Hosei University, Japan  
**Dr. Jan Jedelský**, Brno University of Technology, Czech Republic  
**Dr. Hsiao-Kan Ma**, NTU, Taiwan  
**Dr. Vahid Motevalli**, Tennessee Tech University, USA  
**Dr. Constantine D. Rakopoulos**, National Technical University of Athens, Greece  
**Dr. Sergei Sazhin**, University of Brighton, UK

### ICHTD

**Dr. Ping-Hei Chen**, NTU, Taiwan  
**Dr. Traian Dumitrică**, University of Minnesota, USA  
**Dr. Frank Gerner**, University of Cincinnati, USA  
**Dr. Basel I. Ismail**, Lakehead University, Canada  
**Dr. Zdeněk Jegla**, Brno University of Technology, Czech Republic  
**Dr. Majid Keyhani**, University of Tennessee, USA  
**Dr. Peiwen Li**, University of Arizona, USA  
**Dr. Kai Choong Leong**, Nanyang Technological University, Singapore  
**Dr. Pamela Norris**, University of Virginia, USA  
**Dr. Juan C. Ordóñez**, Florida State University, USA  
**Dr. Sébastien Poncet**, Université de Sherbrooke, Canada  
**Dr. Marc A. Rosen**, University of Ontario Institute of Technology, Canada  
**Dr. Shuhuai Yao**, Hong Kong University of Science & Technology, Hong Kong

### ICMTOD

**Dr. Marco Marengo**, University of Brighton, UK  
**Dr. Peter H.L. Notten**, Eindhoven University of Technology, Netherlands  
**Dr. Shusheng Pang**, University of Canterbury, New Zealand  
**Dr. N. Papayannakos**, National Technical University of Athens, Greece  
**Dr. Khellil Sefiane**, University of Edinburgh, Scotland  
**Dr. Bruno Zelić**, University of Zagreb, Croatia

