MHMT’19 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: October 4, 2018 | Early-Bird Registration: November 16, 2018 | Final Version: December 21, 2018

<table>
<thead>
<tr>
<th>MHMT’19</th>
<th>4th World Congress on Momentum, Heat and Mass Transfer</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Conference</th>
<th>Title</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENFHT’19</td>
<td>4th International Conference on Experimental and Numerical Flow and Heat Transfer</td>
<td><a href="http://www.enfht.com">www.enfht.com</a></td>
</tr>
<tr>
<td>ICMTOD’19</td>
<td>4th International Conference on Mass Transfer Operation and Devices</td>
<td><a href="http://www.icmtod.com">www.icmtod.com</a></td>
</tr>
<tr>
<td>ICMFHT’19</td>
<td>4th International Conference on Multiphase Flow and Heat Transfer</td>
<td><a href="http://www.icmght.com">www.icmght.com</a></td>
</tr>
<tr>
<td>CSP’19</td>
<td>4th International Conference on Combustion Science and Process</td>
<td><a href="http://www.cspconference.org">www.cspconference.org</a></td>
</tr>
<tr>
<td>ICHTD’19</td>
<td>4th International Conference on Heat Transfer Devices</td>
<td><a href="http://www.ichtd.net">www.ichtd.net</a></td>
</tr>
</tbody>
</table>

### 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

**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.
**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. Khoo Boo Cheong, National University of Singapore, Singapore
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. Roy Issa, West Texas A&M University, USA
Dr. Jerhuan Jang, Ming Chi University of Technology, Taiwan
Dr. Alexander Liberson, Rochester Institute of Technology, USA
Dr. Arturo Pacheco-Vega, California State University, Los Angeles, USA

**ICMFHT**
Dr. Mandar Badve, University of Birmingham, UK
Dr. Mostafa Barigou, University of Birmingham, UK
Dr. Carlos Martinez Bazán, Universidad de Jaen, Spain
Dr. Andre Benard, Michigan State University, USA
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. Afshin J. Ghajar, Oklahoma State University, 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. 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 Zhoa, City University of Hong Kong, Hong Kong

**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. Kai Choong Leong, Nanyang Technological University, Singapore
Dr. Pamela Norris, University of Virginia, USA
Dr. Sébastien Poncet, Universite de Sherbrooke, Canada
Dr. Shuhuai Yao, Hong Kong University of Science & Technology, Hong Kong

**ICMTOD**
Dr. Marco Marengo, University of Brighton, UK
Dr. Bruno Želić, University of Zagreb, Croatia