MHMT'21 is composed of 3 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.

**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

**CONGRESS CO-CHAIR**

Dr. Tassos G. Karayiannis  
Brunel University London, UK
PLENARY SPEAKER & KEYNOTE SPEAKERS

Dr. Eckhard A. Groll
Purdue University, USA
ENFHT'21 Plenary Speaker

Dr. Sébastien Poncet
Sherbrooke University, Canada
ENFHT'21 Keynote Speaker

Dr. Poh Seng Lee
National University of Singapore (NUS), Singapore
ENFHT'21 Keynote Speaker

Dr. Panagiota Angeli
University College London, UK
ENFHT'21 Keynote Speaker

Dr. Khellil Sefiane
University of Edinburgh, UK
ICMFHT'21 Keynote Speaker

Dr. Omar K. Matar
Imperial College, UK
ICMFHT'21 Keynote Speaker

Dr. Jinliang Xu
North China Electric Power University, China
ICMFHT'21 Keynote Speaker

Dr. Zhixiong Guo
The State University of New Jersey, USA
CSP’21 Keynote Speaker

SCIENTIFIC COMMITTEE MEMBERS

ENFHT
Dr. Yanping Du, Shanghai Jiao Tong University, China
Dr. Sébastien Poncet, Sherbrooke University, Canada
Dr. Mohammad Hamdan, American University of Sharjah, United Arab Emirates
Dr. Arend Duddenboer, Danone Nutricia Research, Netherlands
Dr. Zdeněk Jegla, Brno University of Technology, Czech Republic
Dr. Marcelo Buffoni, ABB Switzerland Ltd. Corporate Research, Switzerland
Dr. Pamela M. Norris, University of Virginia, USA
Dr. Gamze Gediz Llis, Istanbul Okan University, Turkey
Dr. Mohammad Hojjat, University of Isfahan, Iran
Dr. Yufeng Yao, University of the West of England, UK
Dr. Sean Peterson, University of Waterloo, Canada
Dr. Eckhard A. Groll, Purdue University, USA
Dr. Zhibin Yu, University of Glassgow, UK
Dr. Panagiota Angeli, University College London, UK
Dr. Poh Seng Lee, National University of Singapore (NUS), Singapore
Dr. Zan Wu, Lund University, Sweden
Dr. Konstantinos Kontos, University of Glassgow, UK
Dr. Manish K. Tiwari, University College London, UK

ICMFHT
Dr. Kamiel Gabriel, University of Ontario Institute of Technology, Canada
Dr. Eckart Meiburg, University of California at Santa Barbara, USA
Dr. Vasillis Bontozoglou, University of Thessaly, Greece
Dr. Mostafa Safdari Shadloo, National Institute of Applied Science (INSA), France
Dr. Gail Duursma, The University of Edinburgh, UK
Dr. Christos Markides, Imperial College London, UK
Dr. Berend Van Wachem, Otto-von-Guericke-University of Magdeburg, Germany
Dr. Guodong Xia, Beijing University of Technology, China

CSP
Dr. Pedro Jorge Martins Coelho, University of Lisbon, Portugal
Dr. Guido Saccone, CIRA - Italian Aerospace Research Centre, Italy
Dr. Constantine D. Rakopoulos, National Technical University of Athens, Greece
Dr. Dimitrios C. Rakopoulos, Center for Energy Research and Technology Hellas
Dr. Andrzej Szłęk, Silesian Technical University, Poland
Dr. Byungchul Choi, Chonnam National University, Korea
Dr. Sergei Sazhin, University of Brighton, UK
Dr. Young Choi, Korea Institute of Machinery and Materials, Korea
Dr. Zhixiong Guo, The State University of New Jersey, USA