



ASTFE

American Society of Thermal and Fluids Engineers



3rd Thermal and Fluids Engineering Conference (TFEC)

www.astfe.org/tfec2018/

March 4-7, 2018
Fort Lauderdale, FL, USA

"Engineering Challenges for the Betterment of Society"

The 2018 American Society of Thermal and Fluids Engineers (ASTFE) Conference will be held March 6–9, 2018 at the Nova Southeastern University in Ft. Lauderdale, FL. ASTFE is the premier international society by and for professionals within the thermal and fluids science and engineering community. The 2018 ASTFE conference provides an international forum for the dissemination of the latest research and knowledge in the thermal and fluid sciences including industrial panels. With more than 500 expected attendees we welcome interested parties and sponsors to participate in the conference and enhance their knowledge in advanced thermal and fluid science, engineering, and technology. The conference venue provides an excellent opportunity to engage with top international researchers and follow the latest advancements.

Outstanding Plenary Speakers



Gretar Tryggvason

Charles A. Miller, Jr.
Distinguished Professor of Mechanical Engineering, John Hopkins University. Pioneer in direct numerical simulations of multiphase flows.



Jane Davidson

Professor and R&J Christenson Chair in Renewable Energy at University of Minnesota. Expert in solar thermochemical cycles for fuels and thermal storage.



Arun Majumdar

Jay Precourt Professor at Stanford University. Founding Director of the Advanced Research Projects Agency for Energy, former Senior Advisor to the U.S. Secretary of Energy and Vice President for Energy at Google.

Join us to meet many accomplished and distinguished scholars as keynote speakers in the fields of Nano Heat Transfer, Energy storage, Aerospace and other interesting fields as below:

- Aerospace Applications
- Combustion, Fire and Fuels
- Education
- Energy and Sustainability
- Experimental Methods/Tools in Thermal-Fluid Systems
- Materials and Manufacturing
- Multiphase Phenomena
- Plasma Physics and Engineering

- Biosystems
- Computational Methods/Tools in Thermal-Fluid Systems
- Energy-Water-Food Nexus
- Industrial and Commercial Processes
- Micro- and Nano-Scale Processes
- Natural and Built Environments
- Transportation

Organization Committee

Conference Chair: Dr. Yong Tao
Nova Southeastern University (ytao@nova.edu)

Conference Co-Chair: Dr. James Klausner
Michigan State University (jfk@msu.edu)

Program Chair: Dr. Nesrin Ozalp
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Program Co-Chair: Dr. Ahmad Fakheri
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