

# iCRAFT 2018

## INTERNATIONAL RESEARCH CONFERENCE



**BITS Pilani**  
Dubai Campus

# CALL FOR PAPERS

## RECENT ADVANCES IN FLUID AND THERMAL SCIENCES

**5<sup>TH</sup> – 7<sup>TH</sup> DECEMBER 2018**

**BITS-Pilani Dubai campus invites delegates from academia and industry to be a part of two-and-a-half days of International Conference on Recent Advances in Fluid and Thermal Sciences (iCRAFT 2018). The conference aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about key areas of Mechanical, Aero-space, Chemical and Civil Engineering. The conference will have oral and poster presentations from delegates from academia, R & D organizations and Industries.**

### Topics of Interest

#### A. Fluid Mechanics (Analytical, Experimental and Numerical)

- A.1 Fluids Engineering Education
- A.2 Boundary Layer Flows
- A.3 Low-Speed and High-Speed Flows
- A.4 Laminar and Turbulent Flows
- A.5 Active and Passive Flow Control
- A.6 Bio-Inspired Fluid Mechanics
- A.7 Transport Phenomena in Mixing
- A.8 Transport Phenomena in Materials Processing and Manufacturing
- A.9 Transport Phenomena in Energy Conversion
- A.10 Fluid Structure Interaction
- A.11 Environmental Flows
- A.12 Industrial Flows and Commercial Processes
- A.13 Fluid Power Systems
- A.14 Fluid machinery
- A.15 Multiphase-flow systems
- A.16 Fluids Measurement and Instrumentation
- A.17 Micro-/Nano-fluidics
- A.18 Hydrodynamics
- A.19 Aerodynamics
- A.20 Wind Turbines
- A.21 Rheology of Complex Fluids
- A.22 Porous Media
- A.23 Drag Reduction

#### B. Heat Transfer (Analytical, Experimental and Numerical)

- B.1 Conduction, Convection and Radiation
- B.2 Boiling and Condensation
- B.3 Adsorption and Desorption
- B.4 Spray and Atomization
- B.5 Compact and Conjugate Heat Exchangers
- B.6 Heat Exchangers
- B.7 Heat Transfer Enhancement
- B.8 Heat Pipes
- B.9 Plasma Physics and Engineering
- B.10 Thermoelectric Devices
- B.11 Multiphase Systems
- B.12 Inverse Problems
- B.13 Turbomachinery
- B.14 Thermophysical Properties
- B.15 Aerospace Heat Transfer
- B.16 Electronic Equipment Heat Transfer
- B.17 Environmental Heat Transfer
- B.18 Biomedical Applications
- B.19 Other Heat Transfer Devices

#### C. Fuels and Energy

- C.1 Internal Combustion Engines
- C.2 Combustion, Flames and Fires
- C.3 Renewable Energy Systems and Sustainability
- C.4 Pollution Emission Control Systems
- C.5 Electric and Hybrid Electric Vehicles
- C.6 Energy Conversion and Storage Techniques
- C.7 Natural and Built Environments
- C.8 Zero Energy Buildings
- C.9 Heating, Ventilation and Air-Conditioning (HVAC) Systems
- C.10 Advanced Energy Systems
- C.11 Fuel Cell Systems Design and Application
- C.12 Non-Renewable Energy Systems

### Important Dates

Abstract Submission	Abstract Acceptance Notification
<b>31<sup>st</sup> July 2018</b>	<b>15<sup>th</sup> August 2018</b>
Manuscript Submission	Registration Deadline
<b>15<sup>th</sup> September 2018</b>	<b>10<sup>th</sup> November 2018</b>

### Registration Fees\*

Participant Profile	Early Bird (15 <sup>th</sup> Sept.-20 <sup>th</sup> Oct.2018)	Regular (21 <sup>st</sup> Oct.-10 <sup>th</sup> Nov.2018)
Delegates from Academia	<b>250 USD (920 AED)</b>	<b>300 USD (1100 AED)</b>
Delegates from Industries	<b>300 USD (1100 AED)</b>	<b>350 USD (1285 AED)</b>
Research Scholars (Ph.D / M.Tech.)	<b>150 USD(550 AED)</b>	<b>200 USD(735AED)</b>
Student Delegate (B.Tech.)	<b>75 USD (275 AED)</b>	<b>125 USD (460 AED)</b>

\* All Prices are INCLUSIVE of 5% VAT at the current rate

**Conference Venue:** BITS Pilani, Dubai Campus, Dubai Intl. Academic City, Dubai, UAE  
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