



AUSTRALASIAN
FLUID
MECHANICS
SOCIETY

21st

Australasian Fluid Mechanics Conference

2018



[www.afms.org.au/
21afmc.html](http://www.afms.org.au/21afmc.html)

December 9 -13, 2018

The University of Adelaide
Adelaide South Australia

First Announcement

The 21st Australasian Fluid Mechanics Conference (AFMC) will be hosted by The University of Adelaide in December 2018 and will bring together an international group of scientists, engineers and educators with common interests in fluid mechanics.

The conference, organized in collaboration with the Australasian Fluid Mechanics Society (AFMS) is fully peer-reviewed, with conference proceedings published online. The conference, which will be held in Adelaide, South Australia, from Sunday 9th to Thursday 13th of December, 2018, has a long history dating back to 1962 when the inaugural conference was held in Western Australia.

The conference covers all fields of fluid mechanics research, areas of interest, and applications. A diverse range of research areas will be represented by the eight plenary speakers including: Professor John Eaton (Stanford), Professor Alfredo Soldati (TU Wien), Professor Jens Norkaer Sorensen (DTU Denmark), Professor Beverley McKeon (Caltech), A/Prof Yvonne Stokes (Adelaide), and Professor Julio Soria (Monash).

Conference Themes:

- Aero-acoustics
- Aerodynamics
- Atmospheric research
- Computational fluid dynamics
- Biomedical fluid mechanics
- Boundary layers
- Combustion
- Environmental fluid mechanics
- Experimental techniques and facilities
- Fluid mechanics education
- Fluid-structure interaction
- Flow control
- Gas dynamics
- Ground water flows
- Heat transfer
- Hydraulics
- Hydrodynamics
- Industrial flows
- Jets and wakes
- Micro/bio fluid mechanics
- Multiphase and particle-laden flows
- Non-Newtonian flows
- Oceanography
- Pipe flows
- Reacting flows
- Renewable energy (Wind/Wave/Tidal/Geothermal)
- Sports and vehicle aerodynamics
- Turbulence
- Wind engineering
- Viscous flows

Registration and welcome are scheduled for the evening of Sunday December 9th, and presentations will run from Monday December 10th to Thursday December 13th, with a formal conference dinner on the evening of Wednesday December 12th.

For further information please refer to the conference website:
www.afms.org.au/21afmc.html

Richard Kelso **Tim Lau**
Conference Chair **Conference Secretary**

Key Dates:

Call for abstracts – March 12, 2018
Abstract submission – May 1, 2018
Notification of accepted abstracts – May 31, 2018
Paper submission – July 31, 2018

Notification of paper review outcome – September 30, 2018
Earlybird registration closes – October 13, 2018
Receipt of final papers – October 13, 2018



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