

# IEEE-ICM 2017 AUSTRALIA

## International Conference on MECHATRONICS

14 - 17 February 2017  
Federation University Australia—Gippsland  
Sponsor : IEEE Industrial Electronics Society



**ADVANCED MECHATRONICS IN SERVICE OF REGIONAL INDUSTRY**

## CALL FOR PAPERS

Invitation to Participate in an Intellectually  
Stimulating Conference & experience the Australian Culture

### Submission Schedule:

Submission of Special Session Proposals: **1 July 2016**

Deadline for submission of full paper: **15 July 2016**

Notification of acceptance with electronic publication instruction: **15 October 2016**

Deadline for final manuscript: **1 December 2016**

FOR FURTHER INFORMATION VISIT [WWW.IEEE-ICM2017.ORG](http://WWW.IEEE-ICM2017.ORG)

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### Special Sessions Co-Chairs

Roberto Oboe (Italy)  
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Jess Lloyd



## Call for Papers

### MAIN THEME:

## ADVANCED MECHATRONICS IN SERVICE OF REGIONAL INDUSTRY

### Background & Aim

Mechatronics is defined as the synergistic integration of mechanics, electronics, and information processing the production process of a product or a system. The aim of the conference is to provide a forum for presentation and discussion of emerging developments and applications in the rapidly evolving field of mechatronics. Also, it serves as a conduit for channelling advanced mechatronics research and applications to industry. It brings together researchers, from industry and academia, active in industrial technological fields to discuss current developments and future perspectives.

### Conference Topics

The topics of this conference will include, but are not limited to:

- Robotics, Mobile Platforms, Unmanned Vehicles
- Micro/Nano Mechatronics
- Mechatronics applications in agriculture and regional industries.
- Vibration and Noise Control
- Advanced Manufacturing
- Mechatronics in Energy Systems
- Advanced Motion Control
- Modelling and Design
- Artificial Intelligence and Intelligent Control
- Fault detection and Diagnosis in Mechatronics Systems
- System Integration
- Human-Machine Interface
- Sensors and Actuators, Haptics and Networks
- Applications (Medical, Bioengineering, Aeronautics, ...)
- Automotive and Transportation Systems
- Mechatronics Applications in Cyber-physical Systems
- Mechatronics in Tertiary Education

### Special Sessions

The conference will include Special Sessions on highly specialised topic areas, within the scope of the conference and its theme. Special Sessions are organised at the initiative of one or more individuals, who must adhere to the specific procedures published at the conference website. If you are interested in organizing a special session, please contact a Special Sessions Co-Chairs listed on the conference website.

### Submission of Papers

The working language of the conference is English. Prospective participants are requested to electronically submit full papers of their work (6 pages max.) following the instructions available on the website.

### Paper Acceptance

Each accepted paper must be presented at the conference by one of the co-authors. Papers not presented will not be included in IEEExplore. The final manuscript must be accompanied by a registration form and a registration fee payment proof.

**Good quality papers would be considered for publication in  
IEEE Transactions on Industrial Electronics or  
IEEE Transactions on Industrial Informatics  
(depends on the scope), subject to satisfactory further reviews.**

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