

MESA 2016

The 12th IEEE/ASME International Conference on Mechatronic and Embedded Systems and Applications

Auckland, New Zealand, August 29-31, 2016

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<http://www.mesa2016.org/>

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Objectives

Mechanical and electrical systems show an increasing integration of mechanics with electronics and information processing. This integration is between the components (hardware) and the information-driven functions (software), resulting in integrated systems called mechatronic systems. The development of mechatronic systems involves finding an optimal balance between the basic mechanical structure, sensor and actuators, automatic digital information processing and control in which embedded systems play a key role. The goal of the 12th IEEE/ASME MESA16, is to bring together experts from the fields of mechatronic and embedded systems, disseminate the recent advances, discuss future research directions, and exchange application experience.

Symposia

- Autonomous Systems and Ambient Intelligence
- Bio-Mechatronics - Medical Devices & Technologies
- Cloud Computing and Emerging Technologies for Mechatronic and Embedded Systems
- Cyber-Physical Systems and Hybrid Systems
- Design and Verification Methodologies for Mechatronic and Embedded Systems
- Diagnosis and Monitoring in Mechatronic Systems
- Embedded Systems Infrastructure and Theory
- Fractional Derivatives and Their Applications
- Mechatronics for Advanced Manufacturing
- Mechatronic Control and Electrical Vehicular Systems
- Mechatronics and Embedded Systems Applications
- Mechatronics and Embedded Systems Education
- Mechatronic and Embedded Systems for Renewable Energy Systems
- Mechatronic and Embedded Technologies in Intelligent Transportation Systems
- Mechatronics for Hazardous Environments
- Robotics and Mobile Machines
- Sensors and Actuators
- Small Unmanned Aerial Vehicle Technologies and Applications
- Virtual Prototyping in Mechatronics

Paper Submission

Manuscripts should be at most six (6) pages in IEEE two-column format and must be submitted in PDF format via the conference web-site. Please use the LATEX style file or Microsoft Word template to prepare your manuscript. Accepted, peer-reviewed papers will be published in the conference proceedings, EI indexed, and submitted to IEEE Xplore.

Important Dates

March 31, 2016: Full Paper Submission
May 20, 2016: Notification of Acceptance
June 30, 2016: Final Papers Submission
June 30, 2016: Authors Registrations

