

Call for Papers



Symposium on Mechatronic Control and Electrical Vehicular Systems

as part of the 7th ASME/IEEE International Conference on
Mechatronic and Embedded Systems and Applications

August 29-31, 2011 Washington, DC, USA

<http://iel.ucdavis.edu/ mesa/MESA11/>

Objectives: The ever-increasing demand from industry for higher efficiency, speed, accuracy and also higher safety at lower cost presents challenges not only to the product design itself but also the control performance. Nowadays the mechatronic systems are beginning to predominate both in industry and emerging new energy technologies, such as electric vehicles.

The mechatronic control is playing a growing important role in generating simpler and reliable systems with excellent cost performance. The goal of the symposium is to bring together experts on mechatronic control from different areas to present new research results and perspectives on the future of the field.

Manuscripts are solicited in the following topics but not limited to:

- Advanced mechatronic control (software-/hardware-based)
- Analysis, modeling and simulation of mechatronic control system
- Nonlinearity compensation in mechatronics
- Mechatronics in advanced manufacturing
- Mechatronic control in electric vehicles

Paper Submission: Manuscripts shall be no longer than 10 pages and shall adhere to the [ASME author guidelines](#). Word and L^AT_EX templates are available from [ASME](#) to assist authors in preparing their papers for publication. Final papers in PDF format must be electronically submitted to: <https://www.asmeconferences.org/IDETC2011>

Accepted, peer-reviewed manuscripts will be published in the conference proceedings and EI indexed.

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Important Dates:

Submission of Abstract	11-02-2011
Submission of Full-Length Paper	18-02-2011
Author Notification of Acceptance	20-05-2011
Submission of Copyright Form	27-05-2011
Submission of Final Paper	30-05-2011

Technical Co-Sponsors:

ASME Division of Design Engineering

IEEE Intelligent Transportation Systems Society

IEEE Control Systems Society

