



CALL FOR PAPERS



MESA06 ---The 2nd IEEE/ASME International Conference on Mechatronic and Embedded Systems and Applications Beijing, China on August 13-16, 2006

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Objectives

Mechanical and electrical engineering 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 actuator implementation, automatic digital information processing and overall control for which embedded systems play a key role. The field of embedded system is getting more and more challenging, and issues in development of embedded software are attracting attention of an increasing number of researchers both in industry and academia. The goal of MESA06 is to bring together experts from the fields of mechatronic and embedded systems to disseminate the recent advances made in the area, discuss the future research directions, and exchange application experience with respect to the conference themes.

Topics

- Mechatronics and robotics
- Embedded systems infrastructure and theory
- Sensor and MEMS
- Networked mechatronic and embedded systems
- Development, verification, and debug tools for mechatronic and embedded systems
- Mechatronic and embedded system applications
- Education in mechatronics and embedded computing

Paper Submission

Complete manuscripts in PDF format must be electronically submitted to the conference website <http://www.asmemesa.org>. Submitted manuscripts should be six (6) pages or less in IEEE two-column format, including figures, tables, and references.

Important Dates

May 15, 2006

June 20, 2006

July 1, 2006

Full paper, proposal for special session, workshop and tutorial
Notification of acceptance
Camera ready paper submission

For detailed information, please visit the conference web site at

<http://www.asmemesa.org>