

First Workshop on Cloud Computing for Mechatronic Systems – CCMS 2013

held in conjunction with the

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Mechatronics combines the disciplines of electronics, mechanics and computer science. The fusion of techniques from these disciplines enables fantastic technological advances with many practical applications. Example application areas include the medical field and increasingly intelligent industrial automation with sophisticated use made of highly-calibrated sensors and complex control systems. The emerging technologies, cloud computing and service-oriented computing, allow resources to be interoperable and shareable. This enables the facilities and materials for e-learning to be modelled as services and managed by the cloud. The advantage of this is that the users can obtain their required services without being concerned with technical issues. In addition, teaching materials can be easily composed to meet the users' requirements. Teaching or training materials developed in this way become accessible and sharable.

Topics of interest in this workshop include, but are not restricted to:

- Cloud Computing for Mechatronic Systems
- Virtual Prototyping in Mechatronics
- Sensors and Actuators
- WEEE
- Arduino-based Mechatronic Systems

Important Dates

Submission of papers: May 11, 2013

Notification of acceptance: June 18, 2013

Submission of camera-ready papers: July 1, 2013

Workshop: September 11, 2013

Submission

Submit a full paper of at most 6 pages ([IEEE formatting guidelines](#)), including figures and references. The contact author must provide the following information to the workshop chairs: paper title, authors' names, affiliations, postal address, phone, fax, and e-mail address of the author(s), about 200-250 word abstract, and about five keywords. Prepare your paper as a PDF file and submit it to the workshop organizers using the ICEBE 2013 conference paper management system (<https://www.easychair.org/account/signin.cgi?conf=icebe2013>).

Workshop Organization

Authors of accepted submissions will be asked to give a 20-25 minutes presentation of their research work. Presentations should include research results, interesting research questions, and open issues to be discussed during the workshop.