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1st Call for Papers 10th International Workshop on **IEEE ECMS 2011** & Doctoral School (EDSYS, GEET)

June 1-3, 2011, Liberec, Czech republic



The **IEEE Workshop on Electronics, Control, Measurement, and Signals 2011 (#17630)** provides a forum for exchanging ideas, discussing research results and presenting theoretical and practical applications in several areas of mechatronics.

The **ECMS Workshop** is traditionally organized in Czech Republic (1995, 1999, 2003, 2007), France (1993, 1997, 2001, 2005) and Spain (2009).


The 10th **IEEE ECMS 2011** will take place in Liberec, in the north part of the Czech Republic, it is organised by the Technical University in Liberec, and sponsored by the Technical Council on VLSI (TCVLSI) of the IEEE Computer Society.

Topics of interest include (but are not limited to) :

- Mechatronics, Robotics and Control Engineering:
Mechatronics: Theory and Applications, Control Engineering: Theoretical Aspects, Practical Applications, Intelligent Materials and Devices, Robotics: Theory and Applications,
- Power design and equipments:
Electrical Drives, Power Electronics, Equipments compatibility, EMC
- VLSI-IC:
Dependability of Electronics Equipments (Reliability, BIST, DfT...), ASIC design (CPLD, FPGA, FC-design...), New technologies (SoC, NoC, RF design, System design), Analog / Hybrid design, Networking and operating systems
- Signal Processing:
Signal and Data Processing: Speech, Audio, Video, Image, Electrical and Acoustical Measurement
- Other topics:
Industrial and Environmental Processes, Diagnosis Systems, Numerical Linear Algebra, Construction Analysis Using the FEM, Transfer Technologies, Education, Doctoral School

Submissions: The conference language is English. Prospective authors are cordially invited to submit original papers using the electronic submission on the conference web page. Papers should be written in English on 6 pages maximum in the PDF format. Special PhD. student sessions will be organised together with the Doctoral School. Accepted papers will be included in the post-conference Formal ECMS Proceedings and published on the IEEE eXplore web. The detailed instructions about the paper preparation and paper submission are described on the conference web site <http://ecms2011.tul.cz>

Important dates:

Full paper submission deadline: **March 20, 2011** 
Notification of acceptance: **April 30, 2011**
Early registration: **May 8, 2011**
Preliminary program: **May 15, 2011**
The camera ready paper due: **June 1, 2011**

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