EUC 2012
The 10th IEEE/IFIP International Conference on Embedded and Ubiquitous Computing
5 - 7 December, Paphos, Cyprus

IEEE/IFIP EUC 2011 Call For Papers

The EUC 2012 conference provides a forum for engineers and scientists in academia, industry, and government to address all resulting profound challenges including technical, safety, social, legal, political, and economic issues, and to present and discuss their ideas, results, work in progress and experience on all aspects of embedded and ubiquitous computing. EUC 2012 will take place in Coral Beach resort near the city of Paphos, Cyprus.

Topics of interest include, but not limited to:

Embedded Computing
- Embedded System Software and Optimization
- Embedded System Architectures
- Hardware/Software Co-design and Design Automation
- Real-Time Systems and Operating Systems
- Application-Specific Processors and Devices
- Power-Aware Computing
- Sensor Networks
- System/Network-on-Chip
- Reconfigurable Computing Systems and Applications
- Cyber-Physical Systems

Ubiquitous Computing
- Pervasive Computing and Communications
- Middleware and Peer-to-Peer Computing
- Internet Computing and Applications
- Multimedia and Data Management
- Human-Computer Interaction
- Network Protocols
- Wireless Communication & Networks
- Mobile Computing
- Agents and Distributed Computing
- Security and Fault Tolerance Applications

Submission Guidelines

Submitted papers must not substantially overlap papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. Papers should be at most 8 pages including the bibliography and well-marked appendices, and should follow the IEEE 8.5" x 11" Two-Column Format. Committee members are not required to read the appendices, and so the paper should be intelligible without them. Submissions are to be made to the submission web site. Only pdf files will be accepted. Submissions not meeting these guidelines risk rejection without consideration of their merits. Papers must be received by the submission deadline. Authors of accepted papers must guarantee that their papers will be presented at the conference. Accepted papers will be published in the IEEE conference proceedings (EI indexed). Selected best papers will be published in special issues of high quality journals (currently under negotiation).

Important Dates
- Submission Deadline: ~~20 July~~ **Extended to 10 August**
- Notification of Acceptance: **28 September**
- Camera-ready Versions Submitted: **12 October**
- Author Registration: **12 October**

Organizing Committee

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Cyber-Physical Systems and Internet of Things
Hongwei Zhang, Wayne State University, USA

Power-Aware Computing
Seda Ogrenci Memik, Northwestern University, USA

Wireless Communications
Abbas Mohammed, Blekinge Institute of Technology, Sweden

Agent and Distributed Computing
Jinhua Guo, University of Michigan-Dearborn, USA

Middleware for Embedded and Ubiquitous Computing
Xiuzhen Cheng, George Washington University, USA

Sensor Networks
Andreas Constantinides, Frederick University, Cyprus

Mobile and Context-aware Computing
Carlo Curino, Yahoo, USA

Multimedia and Data Management
Honggang Wang, University of Massachusetts at Dartmouth, USA

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Jie Shen, University of Michigan-Dearborn, USA