

The 7th IEEE/IFIP International Conference on Embedded and Ubiquitous Computing (EUC-09)



<http://cse.stfx.ca/~euc09/>

Organized by St Francis Xavier University, Canada

Sponsored by IEEE and IFIP

Vancouver, Canada, August 29-31, 2009



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See EUC-09 web site: <http://cse.stfx.ca/~euc09/>

Further questions, please contact with

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INTRODUCTION

Embedded and ubiquitous computing is an exciting paradigm that promises to provide computing and communication services to the end users all the time and everywhere. Its systems are now invading in every aspect of our daily life and promise to revolutionize our life much more profoundly than elevators, electric motors or even personal computer evolution ever did. The emergence of this technology is a natural outcome of research and technological advances in a variety of areas including embedded systems, pervasive computing and communications, wireless networks, mobile computing, distributed computing and agent technologies.

EUC-09 is the next event, in a series of highly successful International Conferences on Embedded and Ubiquitous Computing (EUC), previously held as ICDCS-ECS04 (Tokyo, Japan, March 2004), EUC-04 (Aizu, Japan, August 2004), EUC-05 (Nagasaki, Japan, December 2005), EUC-06 (Seoul, Korea, August 2006), EUC-07 (Taipei, Taiwan, December 2007) and EUC-08 (Shanghai, China, December 2008).

SCOPE AND INTERESTS

The EUC-09 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.

Topics of particular interest include, but are 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

IMPORTANT DATES

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| Workshop Proposal: | March 01, 2009 |
| Submission Deadline: | April 15, 2009 |
| Authors Notification: | May 25, 2009 |
| Final Manuscript Due: | June 15, 2009 |

ELECTRONIC SUBMISSION

Prepare your paper with free styles not more than 15 pages in PDF file. Submit your paper(s) at the EUC-09 submission site: <http://cse.stfx.ca/~euc09/sub/>
Each submission should be regarded as an undertaking that, if the paper be accepted, at least one of the authors must attend the conference to present the work in order for the paper to be included in the IEEE Digital Library.

PAPER PUBLICATIONS

Accepted papers will be published in proceedings of the EUC-09 conference by IEEE Computer Society. Selected bested papers will be recommended for publication in special issues of Journal of Embedded Computing (JEC), International Journal of Embedded Systems (IJES), International Journal of Parallel, Emergent and Distributed Systems and several SCI-indexed journals. One best paper each in embedded and ubiquitous themes will be selected.

WORKSHOP PROPOSAL

In conjunction with the EUC-09 conference, several workshops will be held. Please submit a workshop proposal including call for papers, organizing committee, important dates, short bio of the organizers to the EUC-09 workshop chairs before March 01, 2009. Proceedings of EUC-09 workshops will be published by IEEE CS Press. The workshops with more than 15 papers will be granted with a free complimentary registration for the leading workshop organizer.