



EUC2007 CALL FOR PAPERS  
**The 2007 IFIP International Conference on  
Embedded and Ubiquitous Computing (EUC 2007)**

Taipei, Taiwan, December 10-13, 2007

<http://csie.ntu.edu.tw/~euc07>

#### EUC2007's TODAY

Embedded and ubiquitous computing is an exciting new paradigm that provides computing and communication services all the time and everywhere. Its systems are now affecting every aspect of our life to the point that they are hidden inside various appliances. This emergence is a natural outcome of research and technological advances in embedded systems, pervasive computing and communications, wireless networks, mobile computing, distributed computing and agent technologies, etc.

The EUC 2007 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 Track:**

- Embedded System Software & Optimization
- Embedded System Architectures
- Hardware/Software Co-design & Design Automation
- Real-time & Operating Systems
- Application-specific Processors and Devices
- Power-aware Computing
- Sensor Networks
- System/Network-on-Chip
- Reconfigurable Computing
- Applications
- Others and emerging new topics

**\* Ubiquitous Computing Track:**

- Pervasive Computing & 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

Submissions should include abstract, 5-10 keywords, the e-mail address of the corresponding author, and must not exceed 15 pages, including tables and figures, with PDF format. Submission of a paper should be regarded as an undertaking that, should the paper be accepted, at least one of the authors must attend the conference to present the work in order that the accepted papers can be put into digital library and indexed by SCI. The final version of an accepted paper will be restricted to be around 10 pages with Springer's Lecture Note format.

#### IMPORTANT DATES

Workshop Proposal:	15 March 2007
Paper submission due:	17 May 2007
Acceptance notification:	6 August 2007
Camera-ready due:	4 September 2007
Author registration:	4 September 2007
Conference:	10-13 December 2007

#### PUBLICATIONS

The accepted papers have to be presented orally at the conference and will be published in proceedings of the EUC 2007 conference by Springer's Lecture Note in Computer Science (LNCS) (Subject to Approval). The selected best papers will be published in special issues of Journal of Embedded Computing (JEC), Journal of Pervasive Computing and Communications (JPCC), and Journal of Microprocessors and Microsystems.

#### BEST PAPER AWARDS

The program committee will select one winner for the Best Paper Awards for each Embedded and Ubiquitous tracks. Each winner will be presented at the conference.

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