

SAMOS VI CALL FOR PAPERS



Embedded Computer Systems: Architectures, MOdeling, and Simulation
Samos, Greece, July 17-20, 2006

IC-SAMOS conference and SAMOS workshop topics of interest are: (but not limited to)

- Embedded System Level Design and Simulation
- Multimedia, Graphics, and Signal Processors
- Hardware Software Co-design
- Design Space Exploration
- Embedded Reconfigurable Processors
- Energy Aware Processors
- Embedded System Simulation
- Application Specifications and Modeling for Embedded Systems
- Processor Simulation Technologies
- Compilers and Mapping Technologies
- Computer Aided Design
- Physical Design
- Specification Languages
- Reliable and Trustworthy Embedded Systems
- Embedded Processors and Architectures
- Applications of Embedded Computing Systems
- Network-on-Chip Platforms
- Multi Processors-on-Chip
- Embedded Parallel Systems
- Embedded System-on-a-Chip Implementations
- Multithreaded Processors
- Software Defined Radios
- Digital Signal Processors

In addition, this year's SAMOS workshop will have four special sessions covering the following research fields:

- Energy-Efficient Embedded Wireless Sensor Networks
- Model-Based Real-Time Embedded System Design
- Pervasive Computing and Communications
- Dependable Computing

✓ **IC-SAMOS** - The International Conference on Embedded Computer Systems: Architectures, MOdeling, and Simulation is an IEEE co-sponsored conference. It considers for publication new state-of-the-art mature research papers on the topics described above. *The IC-SAMOS conference proceedings will be published in the IEEE series.*

✓ **SAMOS Workshop** - The Embedded Computer Systems: Architectures, MOdeling, and Simulation (SAMOS) workshop considers state-of-the-art papers on ongoing work with promising preliminary results in the topics described above. Special sessions in related research fields are also invited. Positional and in-depth review papers are also considered. *The SAMOS Workshop proceedings will be published by Springer Verlag in the LNCS series.*

Important Dates

February 13, 2006 -- Submission Deadline for Full Papers

March 13, 2006 -- Notification of Acceptance

April 17, 2006 -- Camera Ready Submission Deadline for Proceedings

July 17, 18, 19 and 20, 2006 – IC-SAMOS/SAMOS Workshop, Greece

Conference Web site: http://samos.et.tudelft.nl/samos_vi/