



# Call for Papers

## SoC 2007

The International Symposium on System-on-Chip  
*Tampere, Finland November 20-21, 2007*

**Organizer:** *Tampere University of Technology / Digital and Computer Systems*  
**Technical co-sponsor:** *IEEE Circuits and Systems Society*  
**Supported by:** *Nokia Corporation*

SoC 2007 builds on the tradition of a series of SoC events organized in Tampere, Finland annually since 1999. In addition to the invited lectures and commercial exhibit with its own industrial program track, the conference is also open for contributions from researchers on this broad but focused field. The symposium also features a panel discussion on topics of high interest to the System-on-Chip community, and a pre-conference tutorial on November 19. The mission of SoC 2007 is to provide a forum that is fully and comprehensively dedicated to SoC.

We encourage your contribution to the program by submitting a research paper, suggesting a distinguished invited lecturer and/or topic, submitting an abstract to the industry program track, suggesting a tutorial course, or a topic and tentative participants for a panel discussion.

**Topics of interest** include, but are not limited to:

- *Alternative computing paradigms*
- *Analysis and early estimation techniques, technology roadmaps*
- *Application-specific processors and architectures*
- *Configurable and reconfigurable architectures*
- *Design flow and methodology*
- *Embedded processor hardware*
- *Embedded software tools and techniques, e.g. retargetable compilers*
- *Engineering education to qualify for SoC*
- *Legal aspects and business opportunities*
- *Low-power techniques*
- *Multiprocessor SoC*
- *Network-on-Chip*
- *On-chip communication and interconnects*
- *Physical design issues*
- *Platform architectures*
- *Reuse techniques*
- *SoC applications*
- *System-level integration*
- *Tools and languages for SoC design*
- *Verification, debugging, testing and testability*

All topics should be handled highlighting the relevance to SoC.

### **Author Schedules:**

Invited lectures, tutorials and scientific papers: May 31, 2007.

Notification of acceptance for scientific papers: July 6, 2007.

Industrial abstracts, panels, camera-ready papers: August 17, 2007.

Notification of acceptance for industrial abstracts: September 14, 2007.

All submissions must be made electronically in PDF format.

Additional submission instructions are available on the conference website.

Complete details about the submission, author schedules, registration, program and venue are available on the symposium website:

<http://www.cs.tut.fi/soc/>

### **Steering Committee:**

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