

## Call For Papers

### EMSOFT 2004

#### Fourth ACM International Conference on Embedded Software

Pisa, September 27-29, 2004

Conference web site: <http://www.emsoft.org/>

##### Program Chair and General Chair

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John Stankovic (University of Virginia, USA)  
Janos Sztipanovits (Vanderbilt University, USA)  
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##### Aims and Scope

The purpose of the conference is to bring together researchers and developers from academia, industry, and government to advance the science, engineering, and technology in embedded software development. EMSOFT was started three years ago with focus on principles of embedded software development and aims at covering all aspects of embedded software.

##### Topics of Interest

- System design and integration methodologies
- Programming languages and software engineering
- Operating systems and scheduling
- Hardware/software interfaces and system-level design
- Models of computation and formal methods
- Compilers and execution time analysis
- Networked embedded systems
- Sensor networks and distributed wireless architectures
- Hardware/software co-design and systems-on-chip
- Middleware and QoS management
- Applications on embedded control and multimedia

##### Proceedings

The proceedings of the conference will be published by ACM. Selected papers will be invited after the meeting to submit an extended version to a special issue of ACM Transactions on Embedded Computing Systems.

##### Instructions for Submission

Submitted papers must present original research, which is unpublished and not submitted elsewhere. Papers should be prepared in electronic format according to the instructions on the conference web page.

##### Important dates

- |                       |                                  |
|-----------------------|----------------------------------|
| <b>April 1, 2004:</b> | Deadline for Submission          |
| <b>June 1, 2004:</b>  | Acceptance Notification          |
| <b>July 5, 2004:</b>  | Final version of accepted papers |

##### Satellite Workshops

A number of satellite workshops on specific topics will be organized the day before the conference and will be announced later.

##### Invited Speakers

Nevin Heintze – Agere Systems, USA  
Alan Kay – HP, USA  
Richard Newton – University of California at Berkeley, USA  
Krithi Ramamritham – IIT Bombay, India  
Hideyuki Tokuda – Keio University, Japan