

# WISES 2008

## Call for Papers

### Sixth Workshop on Intelligent Solutions in Embedded Systems (WISES'08)

University of Applied Sciences Regensburg, Germany,  
July 10/11th, 2008

Embedded systems have an increasing importance in our everyday lives. They run our cars and telephones, and production lines and aircraft. The growing complexity of embedded systems and the emerging trend to interconnections between them lead to new challenges. Intelligent solutions are necessary to overcome these challenges and to provide reliable and secure systems to the customer under a strict time and financial budget.

WISES 2008 is a platform for presentation of innovative approaches that provide intelligent solutions in embedded systems. The objective of this workshop is to present mature approaches and to provide a forum for the exchange and discussion of ideas, and thus, the sharing of experiences among researchers, practitioners, and application developers both from industry and academia. Original papers addressing both theoretical and practical aspects of embedded systems are solicited. Papers describing prototype implementations and deployments of embedded systems are particularly welcome. In order to provide young researchers a forum to exchange their ideas WISES 2008 will include a special session for PhD-Students.

Topics of interest include, but are not limited to:

- Smart embedded (real-time) systems
- Autonomous embedded systems
- Sensor networks and sensor node hardware/software platforms
- Software for embedded systems
- Topology control and time synchronization
- Error tolerance, security and robustness
- Network protocols and middleware for embedded systems
- Standardization of embedded software components
- Data gathering, aggregation and dissemination
- Prototypes, applications, field studies and testbeds

### Submission Instructions

The working language of the conference is English. Prospective authors are invited to submit new original research papers of a maximum length of 5000 words. Submissions will only be accepted electronically via WISES homepage in PDF format. Please do not include author information in the initial paper.

All papers submitted to this workshop will be double blind reviewed by at least two reviewers. Acceptance will be based primarily on originality and contribution.

Accepted papers will be published in printed proceedings. The papers will be made accessible via world-wide web and via IEEE Digital Library (pending approval).

Authors of prospective papers will be invited to submit their work to a Special Issue of the *EURASIP Journal on Embedded System* (<http://www.hindawi.com/journals/es/si/ccc-es.html>)

### Important Deadlines and Dates

Manuscript Submission Final Deadline	April 18th,2008
Notification of Acceptance:	May 23th,2008
Pre-Registration:	June 4th,2008
Camera-Ready Paper Submission:	June 4th,2008
Workshop:	July 10/11th, 2008

→ <http://fbim.fh-regensburg.de/~wises08/>

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