

WDES 2007

4th International Workshop on Dependable Embedded Systems

<http://wdes07.di.fc.ul.pt/>

October 9, 2007

Beijing, China

in conjunction with

26th Symposium on Reliable Distributed Systems (SRDS 2007)

<http://www.srds2007.org/>

CALL FOR PAPERS

Today, nearly every processor is deployed as integral part of a daily life artifact. Embedded computing systems can be found performing more or less critical functions, in application domains ranging from mass-consumer entertainment gadgets to vehicular, industrial automation or health mission-critical applications. Furthermore, the availability of wireless and low-power technologies creates opportunities to make some of these applications mobile and distributed, cooperating with other embedded systems, forming what may be called as systems of embedded systems.

We solicit position papers, research contributions and experience reports addressing issues related to the design, analysis, validation, implementation of dependable distributed embedded systems and systems of embedded systems. Topics of particular interest include (but are not limited to):

- Self-configuring distributed embedded systems
- Dependable communication in open wireless networks
- Architectures for dependable distributed applications
- Security of safety-critical nodes with connectivity to open networks
- Achieving dependability through adaptation and QoS assurance
- Formal verification of embedded systems
- Low-power embedded systems
- Dependable embedded applications
- Case studies of dependable embedded systems

PAPER SUBMISSION DETAILS

Authors are invited to submit extended abstracts, position papers, or research contributions from 2 to 5 pages in length. The authors are requested to send their contributions to wdes2007@di.fc.ul.pt no later than August 10, 2007, as PDF or PS file. All submissions will be reviewed by the Program Committee.

It is required that at least one author of an accepted contribution will attend the workshop in order to present the work. A compilation of contributions will be distributed as preprint at the SRDS conference. The final compilation of contributions will be made available as PDF after the event.

DEADLINES

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