

**30th IFAC Workshop on Real-Time Programming
and 4th International Workshop on Real-Time Software
(W RTP/RTS'09)**

IFAC approval pending
Organized in cooperation with the IEEE Computer Society - Poland Chapter

Mrągowo, Poland, October 12-14, 2009

Scope. Proliferation of computers interfacing with real world and controlling their environment requires careful investigation of approaches related to the specification, design, implementation, testing, and use of modern computer systems. Timing constraints, dependability, fault-tolerance, interfacing with the environment, reliability and safety are integral components of the software development process. Education of engineers developing such systems, working in interdisciplinary teams and in a global environment is also of paramount importance.

Objective. The main objective of the Workshop is to bring together researchers, practitioners and educators to discuss the current problems in real-time programming and their solutions, to assess state-of-the-art in the discipline and propose future directions. In addition to regular research papers, a round table discussion forum is planned on real-time safety-critical systems.

The workshop is planned around three main focus areas:

- Real-Time Control
- Safety Reliability, and Dependability
- Real-Time Education

Topics include but are not limited to:

- real-time system development
- embedded systems
- feedback control systems
- safety
- reliability
- dependability
- fault-tolerance
- hardware-software co-design
- standards and certification
- control software
- robotics and UAV
- software development tools
- model-based development
- automatic code generation
- real-time systems curricula
- related engineering curricula
- laboratory infrastructure
- Internet-based support

Papers Submission

- Authors should submit draft papers (as Postscript, PDF or MSWord file).
- The total length of a paper should not exceed 8 pages (IEEE style). IEEE style templates are available [here](#).

- Papers will be refereed and accepted on the basis of their scientific merit and relevance to the workshop.
- Accepted and presented papers will be included in the Conference Proceedings published on a CD (ISSN 1896-7094) and in the IEEE Computer Society Digital Library (IEEE Xplore® database); selected papers will be recommended to journals