IMPORTANT DATES

Submissions due by:	**3 November 2002** <mark>(NEW!)</mark>
Notification of acceptance:	**20 December 2002**
Final papers due by:	**16 February 2003**
Early Registration**:**	**16 February 2003**
Workshop:	**14-17 May 2003**

SUBMISSIONS

The submission of full papers with up to 6 pages is invited. They should address topics as outlined above and focus on insights and lessons gained from recent research and practical experience. Position papers describing new ideas, promising approaches, and work in progress are considered particularly appropriate. These papers should outline the contribution that the authors intend to make at the Workshop. The papers need to be submitted as PDF files through our WWW server, http://www.iie.uz.zgora.pl/wrtp03.

The authors are asked to submit, with their papers, the following information:

- Paper Title
- Author's Name, Contact Address & E-mail
- Abstract
- Keyword list

FINAL PAPERS

The final papers must be prepared according to the Author's Kit instructions. A corresponding LaTeX2e style file can be downloaded from our WWW server. Accepted papers must be presented in person at the Workshop.

A selection of the best submissions will be proposed for publication in the IFAC affiliated journals (Pergamon Press' Automatica, Control Engineering Practice and Kluwer's Real-Time Systems).

WORKSHOP FEES

Registration Fee	**400 €**
Early Registration Fee	**350 €**
Student Registration Fee	**early: 200 €, late: 250 €**
Reduced (Early) Author's Fee	**300 €**

LOCATION:

The hotel "Bukowy Dworek" is the most luxurious hotel on the Swiecko - Poznan route (near E-30 road), 440 km away from Warsaw, 135 km away from Poznan and 140 km away from Berlin. The hotel is located next to the Lagowski Park, a region of great natural beauty. The hotel offers an outstanding location with excellent conditions for conferences and pleasure in a safe and relaxing atmosphere. Lagow, the most beautiful place in Ziemia Lubuska, is called the Pearl of Lubuskie Region. There is a castle, built by the Order of St.John (Joannici) in XIV century, on a hill surrounded by a park, where two lakes join. The present structure of the castle, which has not been changed since the XVII century, consists of four two-storey wings, which form a renaissance courtyard. The highest point of the castle is the tower, from which one can see a beautiful view of the area.

COPYRIGHT CONDITIONS

The material submitted for presentation at an IFAC meeting (congress, symposium, conference, workshop) must be original, not published or being considered elsewhere. All papers accepted for presentation will appear in the Preprints of the meeting and will be distributed to the participants. Papers duly presented will be archived and offered for sale, in the form of Proceedings, by Elsevier Science Ltd, Oxford, UK. The presented papers will be further screened for possible publication in the IFAC Journals (Automatica, Control Engineering Practice, Annual Reviews in Control, Journal of Process Control and Engineering Applications of Artificial Intelligence), or in IFAC affiliated journals. All papers presented will be recorded on the IFAC Publications website (http://www.elsevier.com/locate/ifac).

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CALL FOR PAPERS

27TH IFAC/IFIP/IEEE WORKSHOP ON

REAL-TIME PROGRAMMING

WRTP'03

Organised by

University of Zielona Góra, Institute of Computer Engineering and Electronics

SPONSORED BY

IFAC Technical Committee on Real-Time Software Engineering

Co-Sponsored by

IFIP Working Group on Industrial Software Quality and Certification

and

IEEE Control Systems Society

SCOPE

The workshop will consist of formal presentations, discussions, and informal meetings covering recent advances and current issues in theory, applications, and technology of real-time programming and real-time database management. It is intended to promote interaction among researchers and practitioners and to evaluate the maturity of new directions in real-time software and real-time database systems.

TOPICS

1. ADVANCES IN REAL-TIME SOFTWARE ENGINEERING
   - Real-time programming languages
   - Requirements engineering methods for real-time systems
   - Software analysis and design methods for predictable behaviour and verification & validation
   - Object orientation in real-time environments

2. REAL-TIME SYSTEMS ISSUES
   - Scheduling of real-time tasks and transactions
   - Real-time concurrency control and resource management
   - Real-time operating and database systems
   - Real-time system architectures
   - Communication in real-time systems
   - Distributed real-time and database systems

3. FORMAL METHODS IN DISCRETE CONTROL SYSTEMS
   - Formal methods for (re-)programmable logic controllers
   - Formal verification of programs for logic controllers

4. SAFETY CRITICAL COMPUTER CONTROL APPLICATIONS
   - Design for safety, dependability and survivability
   - Verification and validation of real-time software
   - Fault tolerance

5. NEW DIRECTIONS IN REAL-TIME DATABASE SYSTEMS
   - Active and real-time databases, time-constrained rule management
   - Event monitoring under temporal constraints
   - Transactions with temporal urgency and validity constraints

6. REAL-TIME APPLICATIONS AND EXPERIENCE
   - Industrial applications and experience
   - Evaluation of current real-time systems and databases
   - Real-time/control systems with challenging time constraints

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