in conjunction with the
20th Euromicro Intl Conference on Real-Time Systems

Prague, Czech Republic, July 2 - 4, 2008
http://dce.felk.cvut.cz/ecrts08/

8th Int'l WORKSHOP ON WORST-CASE EXECUTION TIME (WCET) ANALYSIS

Prague, Czech Republic, July 2 - 4, 2008 http://www.artist-embedded.org/artist/-WCET-08-.html

Workshop chair

Raimund Kirner
Vienna University of Technology, Austria
raimund@vmars.tuwien.ac.at

Important dates (deadlines)

Paper submission deadline:	April 14
Notification of acceptance:	May 23
Subm. of corrected papers:	June 14
Broadcast of papers to attendees:	June 20
WCET Workshop:	July 1
Euromicro Conf. on RTS:	July 2 - 4
Final version of papers:	Sept. 8

Program committee

Antoine Colin
Rapita Systems Ltd., UK
Andreas Ermedahl
Mälardalen University, Sweden
Niklas Holsti
Tidorum Ltd., Finland
Björn Lisper
Mälardalen University, Sweden
Tulika Mitra
National University of Singapore
Stefan Petters
National ICT Australia Ltd.
Isabelle Puaut
IRISA Rennes, France
Christine Rochange
IRIT, France
Reinhard Wilhelm,
Saarland University, Germany

Steering committee

Guillem Bernat
Univ. of York, Rapita Systems Ltd
Jan Gustafsson
Mälardalen University, Sweden
Peter Puschner
Technical University of Vienna

The Euromicro Technical Committee organizes a number of satellite events attached to its 20th International Real-Time Systems Conference. This workshop is the eighth on the series of WCET workshops that started at the 2001 Euromicro conference.
The goal of the workshop is to bring together people from academia, tool vendors and users in industry that are interested in all aspects of timing analysis for real-time systems. The workshop fosters a highly interactive format with ample time for in-depth discussions. It provides a relaxed forum to present and discuss new ideas, new research directions, and to review current trends in this area. The presentations will be kept short to leave plenty of time for interaction of attendees.

The topics of the workshop include any issue related to timing analysis, in particular:

- Different approaches at computing WCET
- Flow analysis for WCET
- Low-level timing analysis, modeling and analysis of processor features
- Strategies to reduce the complexity of WCET analysis
- Integration of WCET and schedulability analysis
- Evaluation and case studies
- Measurement-based WCET analysis
- Tools for timing analysis
- Design for timing predictability
- Integration of WCET analysis into the development process
- Compiler optimizations for worst-case paths
- WCET analysis for multi-processors, multi-cores or SMTs

Statements which are innovative, controversial, or that present new approaches are specially sought.

SUBMISSION OF PAPERS:
People who would like to participate in this event are asked to submit a paper (PDF). The OCG paper format has to be used:

- page size: A4, number of pages: 8
- Guidelines for MS Word: guidelines.rtf, template.dot,
- LATEX stylesheets: ocg.sty, footmisc.sty, example.tex

Upon acceptance, a corrected version of the paper should be prepared and submitted. All papers will be made available to all participants a week before the workshop so that contributions can be examined prior to the workshop.
After the workshop authors will be asked to produce an updated final version of their paper that includes the issues covered in the discussions. The deadline for these final versions is September 8, 2008. The workshop proceedings with the final papers will be published by the OCG as OCG Schriftenreihe (with ISBN number).

The authors of selected papers will be invited to submit expanded versions for publication in the Springer Real-Time Systems Journal.