

9th INT'L WORKSHOP ON WORST-CASE EXECUTION TIME ANALYSIS

Dublin, Ireland, 30 June 2009

<http://www.artist-embedded.org/artist/WCET-2009.html>

Important dates

EXTENDED submission deadline:	April 20
Notification of acceptance:	May 14
Submission of corrected papers:	June 13
Broadcast of papers to attendees:	June 19
WCET Workshop:	June 30
Euromicro Conf. on RTS	July 1-3
Final version of papers:	Sept 7

Workshop chair

Niklas Holsti *Tidorum Ltd., Finland*

Program committee

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Goals

The Euromicro Technical Committee organizes a number of satellite events attached to its 21th International Real-Time Systems Conference. This workshop is the ninth in 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 who 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.

Topics

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

- Different approaches to WCET computation
- Flow analysis for WCET, loop bounds, feasible paths
- 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, case studies, benchmarks
- Measurement-based WCET analysis
- Tools for WCET analysis
- Program and processor design for timing predictability
- Integration of WCET analysis in development processes
- Compiler optimizations for worst-case paths
- WCET analysis for multi-threaded and multi-core systems.

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

Submission of papers

Papers for the workshop must be written in English, should not exceed 10 pages in the specified format, and should be submitted in PDF via the MyReview system at <http://pan.vmars.tuwien.ac.at/wcet2009/myreview/>. Formatting instructions and templates are given at the workshop website, <http://www.artist-embedded.org/artist/WCET-2009.html>. Authors of accepted papers may be required to prepare and submit a corrected version of their paper. 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 for publication an updated final version of their paper that includes the issues covered in the discussions. The deadline for these final versions is September 7, 2009. The workshop proceedings with the final papers will be published by the Austrian Computer Society (OCG, <http://www.ocg.at/>) as OCG Schriftenreihe (with ISBN number).