

Fourth Swedish Workshop on Multi-Core Computing

MCC-2011

Linköping, November 23-25, 2011
<http://www.ida.liu.se/conferences/mcc2011/>



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Important dates

Sep. 16 Submission deadline (ext.)
Oct. 19 Author notification
Oct. 28 Camera-ready papers due
Nov. 4 Registration deadline
Nov. 23 Tutorials
Nov. 24-25 Workshop

Location

IDA, Linköping University.

Registration

For attending the workshop, please submit the registration form on the workshop web page.

Contact

E-mail: mcc2011@ida.liu.se

Objective

The objective of MCC-2011 is to bring together researchers and practitioners from academia and industry to present and discuss recent work in the area of multi-core computing. The workshop is organized as an activity within the network *Swedish Multicore Initiative*.

Scope of the workshop

The scope of the workshop is both hardware and software aspects of multicore computing, including design and development as well as practical usage of systems. The list of interests includes, but is not limited to, the following topics:

- Architecture of multi-core processors, memory systems, and interconnect and on-chip networks
- Parallel programming models, languages, environments
- Parallel algorithms and applications
- Compiler optimizations and techniques for multi-core systems
- Hardware/software design trade-offs in multi-core systems
- Operating system, middleware, and run-time system support for multi-core
- Correctness and performance analysis of parallel hardware and software
- Tools and methods for development and evaluation of multi-core systems
- Embedded, reconfigurable, accelerator-based, GPU and hybrid parallel computing

For a special session about on-going European projects in the multi-core area, we explicitly welcome submissions of survey papers about related EU FP7 projects where partners from Nordic countries are involved.

Submission of papers

Participants willing to give a 20 minutes presentation are asked to send an electronic version of a paper presenting original work that does not exceed four pages using the ACM proceedings format (<http://www.acm.org/sigs/publications/proceedings-templates>) to <http://www.easychair.org/conferences/?conf=mcc2011>. Reports on early results and position papers are also encouraged.

Each submitted paper will be read by the program committee and designated reviewers and judged on scientific merit, readability, originality and relevance.

Proceedings

Workshop proceedings with the camera-ready versions of accepted papers will be available at the workshop. Because the proceedings have a small and limited distribution, contributions will not disqualify subsequent publications in conferences or journals.

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