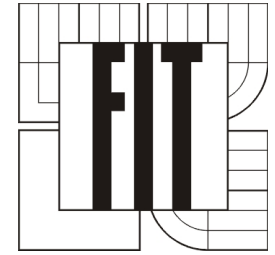


MEMICS 2011

<http://www.memics.cz>

October 14-16, 2011, My Hotel, Lednice, Czech Republic

Call for Papers



General Chair

Zdenek Kotasek, Brno U. of Technology

Programme Committee Co-Chairs

Jan Bouda, Masaryk University

Ivana Cerna, Masaryk University

Lukas Sekanina, Brno U. of Technology

Tomas Vojnar, Brno U. of Technology

Organising Committee Chair

Radek Koci, Brno U. of Technology

Important dates

Abstracts of regular papers

July 17, 2011

Full regular paper

July 31, 2011

Abstracts of presentations

August 25, 2011

Acceptance notification

September 9, 2011

Camera-ready versions

September 19, 2011

The aim: To provide a forum for doctoral students interested in applications of mathematical and engineering methods in computer science.

Topics: Submissions are invited especially in the following (though not exclusive) areas: software and hardware dependability, computer security, computer-aided analysis and verification, testing and diagnostics, simulation, parallel and distributed computing, grid computing, computer networks, modern hardware and its design, non-traditional computing architectures, software engineering, computational intelligence, quantum information processing, computer graphics and multimedia, signal, text, speech, and image processing, and theoretical computer science.

Invited talks: Four invited talks by distinguished researchers from the different areas of interest of the workshop will be a part of the programme:

- Saddek Bensalem (VERIMAG, UJF/CNRS/INPG, Grenoble, France)
- Peter Bentley (University College London, United Kingdom)
- Krishnend Chatterje (IST Austria, Austria)
- Goerschwin Fey (University of Bremen, Germany)
- Renato Renner (ETH Zürich, Switzerland)
- Petr Tuma (Charles University in Prague, Czech Republic)

Involvement: Students are invited to submit a regular paper or a presentation.

A **regular paper** is a previously unpublished original work, not exceeding 8 pages in the LNCS style. A **presentation** reflects recent outstanding work that has been published (or is accepted) at a leading computer science conference or in a recognised scientific journal, and shall be submitted in the form of a one-page abstract which will also appear in the proceedings. Detailed instructions are available at the web page <http://www.memics.cz/>.

The proceedings of MEMICS'11 will be available at the workshop in printed form (consult the instructions for authors). The selected regular papers from MEMICS'11 will be published by Springer in Lecture Notes in Computer Science (LNCS). Moreover, a selection of the best regular papers will be done during the workshop, and their authors will receive a best paper award. Authors of these best regular papers will have an opportunity to publish extended versions of their papers in a special section of the Computing and Informatics Journal.



Venue: The workshop will be held in Lednice, a lovely town in South Moravia, close to the Austrian borders and famous for a beautiful chateau (a UNESCO heritage site) and nearby vineyards.



The MEMICS 2011 workshop is organised within project No. 102/09/H042 of the Czech Science Foundation jointly by the Faculty of Information Technology, Brno University of Technology and the Faculty of Informatics, Masaryk University.