

Mathematical Methods in Computer Science 2008
MMICS 2008

<http://iks.ira.uka.de/eiss/mmics>

December 17-19, 2008

Karlsruhe, Germany

Communicated by Ilias S. Kotsireas

The Mathematical Methods in Computer Science” conference will be held in memory of Thomas Beth. Its scope is defined by the research areas of Thomas Beth. Topics of interest include, but are not restricted to: Coding Theory, Cryptography, Design Theory, Quantum Information, Signal Processing, Symbolic Computation.

Submissions: Authors are invited to submit original, unpublished papers (at most 20 pages long) in PDF format using the MMICS’08 submission page, at the EasyChair conference system. The submission page for MMICS’08 is <http://www.easychair.org/conferences/?conf=mmics08> All submissions will be reviewed by at least two referees. A blind review process will be enforced, thus authors should not reveal authorship directly or indirectly through references.

Conference Proceedings:

Proceedings will be published in Springer’s Lecture Notes in Computer Science series (as a commemorative LNCS Festschrift). They will be available at the conference. Only accepted papers whose authors have registered at the date of receipt of the final version will appear in the proceedings.

Important Dates:

Submission: July 20th, 2008 Notification: September 10th, 2008 Final Version: October 13th, 2008

Organizers:

Jacques Calmet, Willi Geiselmann, Jörn Müller-Quade, Universität Karlsruhe, Germany

Program Committee: Bruno Buchberger, RISC Linz, Austria, Jacques Calmet, Universität Karlsruhe, Germany, Reiner Creutzburg, Brandenburg University of Applied Sciences, Germany, Willi Geiselmann, Universität Karlsruhe, Germany, Dieter Gollmann, Technische Universität Hamburg-Harburg, Germany, María Isabel González Vasco, Universidad Rey Juan Carlos, Madrid, Spain, Markus Grassl, Österreichische Akademie der Wissenschaften, Austria, Hideki Imai, Research Center for Information Security, AIST, Japan, Dominik Janzing, Max Planck Institute for Biological Cybernetics, Tübingen, Germany, Dieter Jungnickel, Universität Augsburg, Germany, Andreas Klappenecker, Texas A&M University, USA, Wolfgang Mathis, Universität Hannover, Germany, Jörn Müller-Quade, Universität Karlsruhe, Germany (Program Chair), Harald Niederreiter, National University of Singapore, Markus Püschel, Carnegie Mellon University, USA, Rainer Steinwandt,

10th International Symposium on
Symbolic and Numeric Algorithms for Scientific Computing
<http://synasc08.info.uvt.ro>
Timisoara, Romania, September 26 - 29, 2008

SYNASC aims to stimulate the interaction between the two scientific communities of symbolic and numeric computing, with the purpose of exhibiting interesting applications of these areas both in theory and in practice.

Authors are invited to submit original papers describing theoretical and/or experimental research in areas of interest which include (but are not limited to): symbolic techniques applied to numerics; numerics and symbolics for geometry; automated reasoning; computer algebra; solving systems of nonlinear equations; parallel, distributed and web computing for symbolics and numerics; formal system verification; software quality assessment; programming with constraints, narrowing; artificial intelligence in numeric solving; multi-agent systems for complex problem solving scientific visualization and image processing; grid middleware and applications; workflow management; soft computing; data mining.

Workshops:

ACSys: Agents for Complex Systems
GlobComp: Global Computing and Technologies
GridCAD: Grid Computing Applications Development
GTA-RNS: Generation Testing and Applications of Random Number Sequences
IMNE: Iterative Methods for Nonlinear Equations
NCA: Natural Computing and Applications
RTES: Real Time and Embedded Systems
WfPM: Workflow and Process Management

Invited speakers:

- Ajith Abraham, Norway
- Charles Chidume, Italy
- Dongming Wang, France
- Roman Wyrzykowski, Poland.

Committees:

General Chairs:

Bruno Buchberger, Johannes Kepler University, Linz, Austria
Stefan Maruster, West University of Timisoara

Program Chairs:

Tudor Jebelean, Johannes Kepler University, Linz, Austria
Viorel Negru, West University of Timisoara

Local Chairs:

Dana Petcu, West University of Timisoara, Romania
Daniela Zaharie, West University of Timisoara, Romania