MFCS 2004

Call For Papers
MFCS 2004
29th International Symposium on Mathematical Foundations of Computer Science
August 22–27, 2004, Prague, Czech Republic

mfcs@mfcs.mff.cuni.cz http://mfcs.mff.cuni.cz

Program Committee:

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Invited Speakers: (Preliminary)

M. Dezani-Ciancaglini (Torino)
R. Downey (Wellington)
M. Halldórson (Reykjavik)
E. Koutsoupias (Los Angeles)
J. Marks (Cambridge)
R. Niedermeier (Tübingen)
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U. Vishkin (College Park)
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Organizing Committee:

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Important Dates:

Submission of papers	April 1, 2004
Notification of acceptance	May 21, 2004
Final version due	June 6, 2004
Early registration	June 15, 2004
Late registration	August 13, 2004

Location: The conference will take place in the historical building of the Faculty of Mathematics and Physics of Charles University, located in the attractive Lesser Town in downtown Prague, walking distance to the Prague Castle. The building has been recently restored and MFCS will be one of the first international conferences to be held in the beautiful halls of this venue.

Scope: The series of MFCS symposia, organized alternately in the Czech Republic, Poland and Slovakia since 1972, has a long and well-established tradition. The MFCS symposia encourage high-quality research in all branches of theoretical computer science and provide an opportunity to bring together specialists working in the area. Papers presenting original research on theoretical aspects of computer science are sought. The scientific program will include invited lectures covering the areas of main interest and original contributing talks.
The topics include (but are not restricted to) algorithms and data structures (including sequential, parallel, distributed, approximation, graph, network, number theory, and on-line algorithms), automata, grammars and formal languages, complexity theory (structural and computational), computational biology, computational geometry, concurrency theory, cryptography and security, databases and knowledge-based systems, foundations of programming, formal specifications and program development, machine learning, models of computation (parallel and distributed computed, fixed parameter tractability, quantum computing, and other), semantics and logics of programs, and theoretical issues in artificial intelligence.

Submissions: The submission must not exceed 12 pages (preferably in Springer-Verlag Lecture Notes LaTeX style). If the authors believe that more details are essential to substantiate the main claims, they may include a clearly marked appendix that will be read at the discretion of the program committee. Simultaneous submission of papers to any other conference with published proceedings or submitting previously published papers is not allowed. Only electronic submissions in postscript or pdf formats are accepted. Follow the instructions on the conference web page. In case of any problems during the process of electronic submissions please contact the organizers.

Proceedings: Invited papers and accepted contributions will be published in the conference proceedings in Lecture Notes in Computer Science, Springer-Verlag. These will be distributed during the conference. The camera-ready copy as well as electronic files of the final version are due shortly after the notification of acceptance.

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