

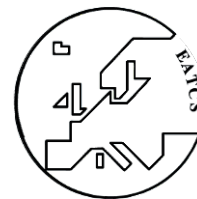


# 40th International Symposium on Mathematical Foundations of Computer Science

MFCS 2015

Milano, August 24–28, 2015

<http://mfcs2015.di.unimi.it/>



## Call for Papers

The series of MFCS symposia, organized since 1972, has a long and well-established tradition. The MFCS symposia encourage high-quality research in all branches of theoretical computer science. Their broad scope provides an opportunity to bring together researchers who do not usually meet at specialized conferences. Quality papers presenting original research on theoretical aspects of computer science are solicited.

**Principal topics** of interest include (but are not limited to): *algorithms and data structures (incl. sequential, parallel distributed, randomized, approximation, graph, network, on-line parameterized, optimization algorithms), algorithmic game theory, algorithmic learning theory, computational complexity (structural and model-related), computational geometry, models of computation, networks (incl. wireless, sensor, ad-hoc networks), parallel and distributed computing, quantum computing, automata, grammars and formal languages, combinatorics on words, trees, and other structures, bioinformatics, computer-assisted reasoning, concurrency theory, cryptography and security, databases and knowledge-based systems, formal specifications and program development, foundations of computing, logic, algebra and categories in computer science, types in computer science, mobile computing, semantics and verification of programs, theoretical issues in artificial intelligence.*

**Invited speakers:** Anindya Banerjee (IMDEA Software Institute, Madrid, Spain), Paolo Boldi (Università degli Studi di Milano, Italy), Zoltan Esik (University of Szeged, Hungary, *40th anniversary speaker*), Martin Kutrib (Universität Giessen, Germany), Yishay Mansour (Tel Aviv University, Israel).

**Program Committee:** Hee-Kap Ahn (Korea), Andris Ambainis (Latvia), Marie-Pierre Béal (France), Lars Birkedal (Denmark), Jarek Byrka (Poland), Luis Caires (Portugal), Bruno Codenotti (Italy), Adriana Compagnoni (United States), Erzsébet Csuhaj-Varjú (Hungary), Artur Czumaj (United Kingdom), Rocco de Nicola (Italy), Martin Dietzfelbinger (Germany), Devdatt Dubashi (Sweden), Amos Fiat (Israel), Enrico Formenti (France), Pierre Fraigniaud (France), Matt Franklin (United States), Loukas Georgiadis (Greece), Jan Holub (Czech Republic), Markus Holzer (Germany), Giuseppe F. Italiano (Italy, *co-chair*), Martin Lange (Germany), Massimo Lauria (Sweden), Inge Li Gørtz (Denmark), Alberto Marchetti-Spaccamela (Italy), Elvira Mayordomo (Spain), Pierre McKenzie (Canada), Friedhelm Meyer auf der Heide (Germany), Prakash Panangaden (Canada), Dana Pardubska (Slovakia), Kunsoo Park (Korea), Giovanni Pighizzini (Italy, *chair*), Alexander Rabinovich (Israel), Rajeev Raman (United Kingdom), Jean-Francois Raskin (Belgium), Liam Roditty (Israel), Marie-France Sagot (France), Piotr Sankowski (Poland), Don Sannella (United Kingdom, *co-chair*), Philippe Schnoebelen (France), Marinella Sciortino (Italy), Jiří Sgall (Czech Republic), Arseny Shur (Russia), Mariya I. Soskova (Bulgaria), Tarmo Uustalu (Estonia), Peter van Emde Boas (The Netherlands), Jan van Leeuwen (The Netherlands), Dorothea Wagner (Germany), Peter Widmayer (Switzerland), Jiri Wiedermann (Czech Republic), Christos Zaroliagis (Greece), Norbert Zeh (Canada).

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|-------------------------|-----------------------------------|-----------------------|--------------|
| <b>Important dates:</b> | <b>Paper submission deadline:</b> | <b>April 22, 2015</b> | <b>Firm!</b> |
|                         | Author notification:              | June 3, 2015          |              |
|                         | Camera-ready deadline:            | June 12, 2015         |              |
|                         | Conference:                       | August 24–28, 2015    |              |

**Paper submission:** Submissions to MFCS must not exceed 12 pages (in Springer-Verlag's Lecture Notes style and including bibliography). 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 submissions of papers to any other conference with published proceedings or submitting previously published papers is not allowed. The proceedings will be published in the ARCoSS subline of Lecture Notes in Computer Science by Springer-Verlag. Information about the submission procedure are available on the conference web page.

*By submitting a paper the authors acknowledge that in case of acceptance at least one of the authors will attend the conference and present the paper.*

**Contact:** [mfcs2015@di.unimi.it](mailto:mfcs2015@di.unimi.it)

The conference is organized by the Università degli Studi di Milano, Dipartimento di Informatica, in cooperation with EATCS.