

Call for Papers

FCT 2007

16th International Symposium on Fundamentals of Computation Theory

August 27-30, 2007, Budapest, Hungary

Invited speakers

Ahmed Bouajjani (Paris, France)
Oscar H. Ibarra (Santa Barbara, CA, USA)
László Lovász (Budapest, Hungary)
Philip Scott (Ottawa, Canada)

Steering Committee

Bogdan Chlebus (Warsaw/Denver, Poland/ USA)
Zoltán Ésik (Szeged, Hungary)
Marek Karpinski (Bonn, Germany), chair
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Miklos Santha (Paris, France)
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Jean Berstel (Marne-la-Vallée, France)
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Erzsébet Csuhaj-Varjú (Budapest, Hungary), co-chair
Zoltán Ésik (Szeged, Hungary), co-chair
Jozef Gruska (Brno, Czech Republic)
Masahito Hasegawa (Kyoto, Japan)
Juraj Hromkovic (Zurich, Switzerland)
Anna Ingólfssdóttir (Reykjavik, Iceland)
Masami Ito (Kyoto, Japan)
Frederic Magniez (Paris, France)
Catuscia Palamidessi (Palaiseau, France)
Gheorghe Paun (Bucharest/Seville, Romania/Spain)
Jean-Eric Pin (Paris, France)
R. Ramanujam (Chennai, India)
Alexander Rabinovich (Tel-Aviv, Israel)
Grzegorz Rozenberg (Leiden, The Netherlands)
Wojciech Rytter (Warsaw, Poland)
Arto Salomaa (Turku, Finland)
David A. Schmidt (Manhattan, KS, USA)
Alex Simpson (Edinburgh, UK)
Michael Sipser (Cambridge, MA, USA)
Colin Stirling (Edinburgh, UK)
Howard Straubing (Chestnut Hill, MA, USA)
Gyorgy Turan (Chicago, IL, USA)
Thomas Wilke (Kiel, Germany)

The **Computer and Automation Research Institute, Hungarian Academy of Sciences** and the **Department of Computer Science, University of Szeged** kindly invites you to take part at the **16th International Symposium on Fundamentals of Computation Theory, in Budapest, August 27-30, 2007**. The Symposium on Fundamentals of Computation Theory was established in 1977 for researchers interested in all aspects of theoretical computer science, in particular in algorithms, complexity, formal and logical methods. It is a biennial series of conferences previously held in Poznan (1977), Wendisch-Rietz (1979), Szeged (1981), Borgholm (1983), Cottbus (1985), Kazan (1987), Szeged (1989), Gosen-Berlin (1991), Szeged (1993), Dresden (1995), Kraków (1997), Iasi (1999), Riga (2001), Malmö (2003), and Lübeck (2005).

Authors are invited to **submit papers** presenting **original unpublished research** in all areas of theoretical computer science.

Topics of interest include (but not limited to): automata and formal languages, design and analysis of algorithms, computational and structural complexity, semantics, logic, algebra and categories in computer science, circuits and networks, learning theory, specification and verification, parallel and distributed systems, concurrency theory, cryptography and cryptographic protocols, approximation and randomized algorithms, computational geometry, quantum computation and information, bio-inspired computation.

The **proceedings** will be published in the [Lecture Notes in Computer Science](#) series of Springer Verlag (www.springer.com/lncs), and we anticipate that a **special issue** of Theoretical Computer Science will be devoted to selected papers published at the conference.

Authors are invited to **submit a draft of a full paper with at most 12 pages in LNCS style**. The paper should provide sufficient detail to allow the Program Committee to evaluate its validity, quality, and relevance. If appropriate, then detailed proofs can be attached as an appendix. Simultaneous submission to other conferences with published proceedings is not allowed. Only **electronic submissions** are accepted, please **follow the instructions on the conference URL**.

Important dates:

Deadline for submissions:	March 5, 2007
Notification to the authors:	April 20, 2007
Final version :	May 20, 2007
Symposium:	August 27-30, 2007

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For further information on the conference, please
visit the URL at

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