

Call for Papers

FCT'2013

19th International Symposium on Fundamentals of Computation Theory
August 19-21, 2013, Liverpool, United Kingdom

Steering Committee:

Bogdan Chlebus (U of Colorado, Denver)
Zoltan Esik (U of Szeged)
Marek Karpinski (U of Bonn) - chair
Andrzej Lingas (Lund U)
Miklos Santha (U Paris Diderot, Paris 7)
Eli Upfal (Brown U, Providence)

Program Committee:

Franz Baader (TU Dresden)
Petra Berenbrink (Simon Fraser U)
Therese Biedl (U of Waterloo)
Gerth Brodal (Aarhus U)
Ferdinando Cicalese (U di Salerno)
Raphaël Clifford (U of Bristol)
Jurek Czyzowicz (Quebec U, Ottawa)
Yuval Emek (ETH Zurich)
Maribel Fernandez (King's College L.)
Rudolf Fleischer (Fudan U)
Leszek Gąsieniec (U of Liverpool) - chair
Stefan Göller (U of Bremen)
Gregory Gutin (Royal Holloway)
Ralf Klasing (U Bordeaux)
Andrzej Lingas (Lund U)
Alexei Lisitsa (U of Liverpool)
Russell Martin (U of Liverpool)
Ely Porat (Bar-Ilan U)
Philippe Schnoebelen (CNRS, Cachan)
Lutz Schröder (Friedrich-Alexander U)
Iain Stewart (U of Durham)
Balder ten Cate (UC, Santa Cruz)
Frank Wolter (U of Liverpool) - chair

Invited Speakers:

Marek Chrobak (UC, Riverside)
Joel Ouaknine (Oxford U)
David Peleg (Weizmann Institute)

Organizing Committee:

Mihai Burcea
Andrew Collins
Leszek Gąsieniec
Thomas Gorry
David Hamilton
Russell Martin
Igor Potapov
Prudence Wong - chair

Contact:

FCT'2013
Department of Computer Science
University of Liverpool
L69 3BX, Liverpool, UK
Tel: +44-151-7954275
Fax: +44-151-7954273
Email: fct2013@liverpool.ac.uk
Web: <http://fct2013.csc.liv.ac.uk/>

Conference: The Symposium on Fundamentals of Computation Theory (FCT) was established in 1977 for researchers interested in all aspects of theoretical computer science, and in particular algorithms, complexity, formal and logical methods. FCT is a biennial conference, which has previously been held in Poznań (1977), Wendisch-Rietz (1979), Szeged (1981), Borgholm (1983), Cottbus (1985), Kazan (1987), Szeged (1989), Gosen-Berlin (1991), Szeged (1993), Dresden (1995), Kraków (1997), Iași (1999), Riga (2001), Malmö (2003), Lübeck (2005), Budapest (2007), Wrocław (2009), and Oslo (2011).

FCT prides itself on being a lively venue, which encourages the emergence of new research areas and the dissemination of original ideas. Topics of interest include (but are not limited to):

- Algorithms, including algorithm design and optimization, approximation and randomized algorithms, circuits and boolean functions, combinatorics and analysis of algorithms, computational complexity, computational geometry, machine learning and artificial intelligence, computational algebra, online algorithms, and parallel and distributed computing.
- Formal methods, including algebraic and categorical methods, automata and formal languages, database theory, foundations of concurrency, logic and model checking, principles of programming languages, program analysis and transformation, specification, refinement and verification, and security.
- Emerging fields, including ad hoc, dynamic and evolving systems, algorithmic game theory, computational biology, foundations of cloud computing and ubiquitous systems, and quantum computing.

Submissions: Authors are invited to submit their work (not exceeding 12 pages, 11pt, LNCS format) in pdf format via the conference web page <http://fct2013.csc.liv.ac.uk/> no later than April 23, 2013. No simultaneous submission to other conferences with published proceedings is allowed.

The proceedings of the conference are published in the Springer Verlag *Lecture Notes of Computer Science* series. Selected papers will be invited to the special issue of the journal *Theoretical Computer Science* devoted to FCT'13.

Important dates:

<i>Deadline for submission:</i>	<i>April 23, 2013</i>
<i>Notification to authors:</i>	<i>May 31, 2013</i>
<i>Final version:</i>	<i>June 10, 2013</i>
<i>Symposium:</i>	<i>August 19-21, 2013</i>

More information: For more up to date information check the url of FCT'13 <http://fct2013.csc.liv.ac.uk/> regularly.



UNIVERSITY OF
LIVERPOOL



LONDON
MATHEMATICAL
SOCIETY

