

Call for Papers
FCT 2009
17th International Symposium on Fundamentals of Computer Theory
September 2-4, 2009, Wrocław, Poland

The Symposium on Fundamentals of Computation Theory was established in 1977 for researchers interested in all aspects of theoretical computer science, as well as new emerging fields such as bio-inspired computing. It is a biennial series of conferences previously held in Poznań (Poland, 1977), Wendisch-Rietz (Germany, 1979), Szeged (Hungary, 1981), Borgholm (Sweden, 1983), Cottbus (Germany, 1985), Kazan (Russia, 1987), Szeged (Hungary, 1989), Gosen-Berlin (Germany, 1991), Szeged (Hungary, 1993), Dresden (Germany, 1995), Kraków (Poland, 1997), Iasi (Romania, 1999), Riga (Latvia, 2001), Malmo (Sweden, 2003), Lubeck (Germany, 2005), and Budapest (Hungary, 2007). **In 2009, FCT will be hosted by Wrocław University of Technology** in south-west part of Poland.

PROCEEDINGS

The conference proceedings will be published (as usual) in the Lecture Notes in Computer Science series of Springer-Verlag.

SUBMISSIONS

Authors are invited to submit papers presenting original unpublished research in all areas of theoretical computer science.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

Algorithms: algorithm design and optimization; combinatorics and analysis of algorithms; computational complexity; approximation, randomized, and heuristic methods; parallel and distributed computing; circuits and boolean functions; online algorithms; machine learning and artificial intelligence; computational geometry; computational algebra; ...

Formal methods: automata and formal languages; computability and nonstandard computing models; algebraic and categorical methods; logics and model checking; principles of programming languages; program analysis and transformation; specification, refinement and verification; type systems; concurrency theory; database theory, semi-structured data and finite model theory; models of reactive, hybrid and stochastic systems; ...

Emerging fields: security and cryptography; ad hoc and mobile systems; quantum computation; computational biology; high performance computing; algorithmic game theory; ...

Authors are invited to submit a draft of a full paper with at most **12 pages** in the **LNCS style**. The paper should provide sufficient detail to allow the Program Committee to evaluate its validity, quality, and relevance. If necessary, detailed proofs can be attached as an appendix. Simultaneous submission to other conferences with published proceedings or journals is not allowed.

IMPORTANT DATES: Submission

Deadline: April 9, 2009, 23:59 GMT (no extensions!)

Author Notification: May 15, 2009

Camera Ready Manuscript Due: May 22, 2009

PROGRAM COMMITTEE CHAIRS

Mirosław Kutylowski (Wrocław, Poland) -chair

Witold Charatonik (Wrocław, Poland) -co-chair

PROGRAM COMMITTEE

Roberto Amadio (Paris, France)

Manuel Bodirsky (Paris, France)

Jacek Cichoń (Wrocław, Poland)

Anuj Dawar (Cambridge, United Kingdom)

Giorgio Delzanno (Genova, Italy)

Cunsheng Ding (Hong Kong, China)

Thomas Erlebach (Leicester, United Kingdom)

Joachim von zur Gathen (Bonn, Germany)

Andrew D. Gordon (Cambridge, United Kingdom)

Thomas Jansen (Dortmund, Germany)

Stasys Jukna (Frankfurt, Germany)

Maciej Koutny (Newcastle, United Kingdom)

Antonin Kucera (Prague, Czech Republic)

Stefano Leonardi (Rome, Italy)

Maciej Liśkiewicz (Lübeck, Germany)

Tomasz Łuczak (Poznań, Poland)

Alexander Okhotin (Turku, Finland)

Andreas Podelski (Freiburg, Germany)

Sergio Rajsbaum (Mexico, Mexico)

Jose Rolim (Geneva, Switzerland)

Piotr Sankowski (Warszawa, Poland)

Vladimiro Sassone (Southampton, United Kingdom)

Helmut Seidl (München, Germany)

Maria José Serna Iglesias (Barcelona, Spain)

Paul Spirakis (Patras, Greece)

Jean-Marc Talbot (Provence, France)

Jerzy Tiuryn (Warszawa, Poland)

Stephan Waack (Göttingen, Germany)

Igor Walukiewicz (Bordeaux, France)

Thomas Zeugmann (Hokkaido, Japan)

STEERING COMMITTEE

Bogdan Chlebus (Warszawa/Denver, Poland/USA)

Zoltán Ésik (Szeged, Hungary)

Marek Karpiński - chair (Bonn, Germany)

Andrzej Lingas (Lund, Sweden)

Miklos Santha (Paris, France)

Eli Upfal (Providence, USA)

Ingo Wegener (Dortmund, Germany)

For further information on the conference, please visit the URL at <http://fct2009.im.pwr.wroc.pl/>

Visit Wrocław!

<http://wroclaw-info.pl/start/index/lang/EN>