

CALL FOR PAPERS

The 4th International Workshop on Parameterized and Exact Computation (IWPEC 2009)

<http://algo2009.itu.dk/4th-IWPEC/>

September 10-11, 2009

IT University of Copenhagen, Denmark

Overview. *The Fourth International Workshop on Parameterized and Exact Computation (IWPEC 2009)* covers research in all aspects of parameterized and exact algorithms and complexity. In particular, study on parameterized and exact computations for real-world applications and algorithmic engineering is especially encouraged. Papers presenting original research in the area are sought, including but not limited to: new techniques for the design and analysis of parameterized and exact algorithms, parameterized complexity theory, relationship between parameterized complexity and traditional complexity classifications, applications of parameterized and exact computation, implementation issues of parameterized and exact algorithms, high-performance computing and fixed-parameter tractability. The goal is to present recent research results, including significant work-in-progress, and to identify and explore directions for future research.

IWPEC 2009 will be part of ALGO 2009, which also hosts ESA, ATMOS, and WAOA. ALGO 2009 will take place September 7 - 11, 2009 in IT University of Copenhagen, Denmark.

Submission. Authors are invited to submit an extended abstract in English no longer than 12 pages using at least 11-point font, preferably in LNCS-style, describing original unpublished research. Simultaneous submission to other conferences with published proceedings is not permitted. Additional details as necessary may be included in a clearly marked appendix that will be read at the discretion of the program committee.

Authors must submit their papers electronically. A detailed description of the electronic submission process is available at the workshop website. Authors unable to submit electronically should contact a co-chair of the program committee. Accepted papers will be published in the

workshop proceedings in the Springer series *Lecture Notes in Computer Science*. Authors of accepted papers are expected to present their work at the workshop, and to incorporate the comments from the program committee and from the workshop discussions in the final version of their submissions. Accepted papers in final form will be due approximately two months after the workshop.

Important dates

Submission Deadline: June 7, 2009 11:59pm EDT

Notification of Acceptance: July 3, 2009.

Workshop Dates: September 10-11, 2009.

Invited speakers

Noga Alon (Tel Aviv, Israel)

Hans Bodlaender (Utrecht, The Netherlands)

Program Committee

Faisal Abu-Khzam (Beirut, Lebanon)

Hans Bodlaender (Utrecht, The Netherlands)

Jonathan Buss (Waterloo, Canada)

Leizhen Cai (Hong Kong, China)

Liming Cai (Georgia, USA)

Jianer Chen (Texas, USA), co-chair

Michael Fellows (Newcastle, Australia)

Henning Fernau (Trier, Germany)

Jörg Flum (Freiburg, Germany)

Fedor Fomin (Bergen, Norway), co-chair

Jiong Guo (Jena, Germany)

Edward A. Hirsch (St. Petersburg, Russia)

Thore Husfeldt (Copenhagen, Denmark)

Iyad Kanj (Chicago, USA)

Dániel Marx (Budapest, Hungary)

Catherine McCartin (Wellington, New Zealand)

Igor Razgon (Cork, Ireland)

Saket Saurabh (Bergen, Norway)

Uwe Schöning (Ulm, Germany)

Stefan Szeider (Durham, UK)

Dimitrios Thilikos (Athens, Greece)

Mark Weyer (Berlin, Germany)