



7th International Conference on Algorithms and Complexity

CIAC 2010

May 26–28, 2010 Rome, Italy

<http://ciac.di.uniroma1.it/>

Aim and Scope of the Conference

The 7th International Conference on Algorithms and Complexity is intended to provide a forum for researchers working in all aspects of computational complexity and the use, design, analysis and experimentation of efficient algorithms and data structures.

Topics

Papers presenting original research in the areas of algorithms and complexity are sought, including (but not limited to):

- sequential, parallel and distributed algorithms and data structures;
- approximation and randomized algorithms;
- graph algorithms and graph drawing;
- on-line and streaming algorithms;
- analysis of algorithms and computational complexity;
- algorithm engineering;
- web algorithms;
- algorithmic game theory;
- computational biology;
- communication networks;
- computational geometry;
- cryptography;
- discrete optimization.

Submission Guidelines

Authors are invited to submit an extended abstract of at most 12 pages (LNCS style) to arrive before December 11, 2009. Submission is handled by *EasyChair* at the following web page:

<http://www.easychair.org/conferences/?conf=ciac2010>

Further information and submission details can be found on the Conference web page. Simultaneous submissions to other conferences with published proceedings are not allowed.

Proceedings

The conference proceedings will be published by Springer-Verlag in Lecture Notes in Computer Science (LNCS) series.

Selected papers from CIAC 2010 will be invited to a special issue of *Journal of Discrete Algorithms*.

Important Dates

Deadline for submission: December 11, 2009.
Notification of acceptance: February 13, 2010.
Final manuscript due: March 12, 2010.
Conference: May 26–28, 2010.

Invited Speakers

Ricardo Baeza-Yates	<i>Yahoo! Research</i>
Monika Henzinger	<i>EPF Lausanne</i>
Eran Halperin	<i>Tel Aviv Univ.</i>
Bruce Reed	<i>McGill Univ.</i>

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Piotr Sankowski	<i>Univ. of Warsaw</i>
Paul Spirakis	<i>Univ. of Patras</i>
Geppino Pucci	<i>Univ. of Padova</i>
Jared Saia	<i>Univ. of New Mexico</i>
Dimitrios Thilikos	<i>N. K. Univ. of Athens</i>
Luca Trevisan	<i>Univ. of California, Berkeley</i>
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