

Call for Papers

2nd Annual Conference on Combinatorial Optimization and Applications
(COCOA 2008)

August 21-24, 2008, St. John's, Newfoundland, Canada

<http://www.cs.uregina.ca/cocoa08/>

The 2nd Annual International Conference on Combinatorial Optimization and Applications (COCOA'08) will be held during August 21-24, 2008, in St. John's, Newfoundland, Canada.

Original research papers in the areas of combinatorial optimization and its applications are solicited. In addition to theoretical results, we are particularly interested in submissions that report on experimental and applied research of general algorithmic interest. Special consideration will be given to research that is motivated by real-world problems. Experimental and applied papers are expected to show convincingly the usefulness and efficiency of the algorithms discussed in a practical setting. After the conference, some selected papers will be published as a special issue in the Journal of Combinatorial Optimization. Typical, but not exclusive, topics of interest include:

- Algorithms and Data Structures
- Bioinformatics
- Computational Algebra
- Computational Number Theory
- Computational Financing
- Computational Learning Theory
- Graph and Network Searching
- Network Flow
- Operation Research
- Parallel and Distributed Computing
- Approximation Algorithms
- Communication Networks
- Computational Geometry
- Computational Biology
- Computational Game Theory
- Extremal Graph Theory
- Graph Theory
- Network Optimization Problems
- Optimal Resource Management
- Scheduling

Paper Submission

COCOA'08 will only accept electronic submissions through the EasyChair submission system. The submission Web page is located at the following URL:

<http://www.easychair.org/cocoa08/>

Detailed instructions can be checked on the paper submission page. Please send all concerns and questions to the COCOA 2008 email address:

cocoa08@cs.uregina.ca

A submission should start with the title of the paper, the author's name, affiliation, and e-mail address, and a short abstract summarizing the main results of the paper. This should be followed by a scholarly exposition of the ideas, techniques, and a full description of the results achieved. A clear indication of the motivation and comparison with prior or related work should be presented.

The paper should not exceed 10 pages using 11 point or larger font. Submissions that deviate significantly from these guidelines and electronic submissions that are unprintable or formatted for paper size other than 8.5 by 11 inch paper risk rejection without consideration of their merits. The proceedings of the conference will be published by Springer in the Lecture Notes of Computer Science Series.

Special Issues

After the conference, some selected papers will be published in special issues of the Journal of Combinatorial Optimization and Theoretical Computer Science.

Important Dates

- Submission of Papers: March 2, 2008
- Notification of Acceptance: April 18, 2008
- Final Version: April 30, 2008

Conference General Chair

- Ding-Zhu Du (University of Texas at Dallas, USA)

Conference co-Chairs

- Cao An Wang (Memorial University of Newfoundland)
- Boting Yang (University of Regina)

Program Committee

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- Andreas Dress (Bielefeld University)
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- Wen-Lian Hsu (Academia Sinica, Taiwan)
- Minghui Jiang (Utah State University)
- Ming-Yang Kao (Northwestern University)
- Evangelos Kranakis (Carleton University)
- Michael Langston (University of Tennessee)
- Guohui Lin (University of Alberta)
- Rolf H. Möhring (Technische Universität Berlin)
- Xuehou Tan (Tokai University)
- Dimitrios M. Thilikos (National and Kapodistrian University of Athens)
- Adrian Vetta (McGill University)
- Lusheng Wang (City University of Hong Kong)
- Todd Wareham (Memorial University of Newfoundland)
- Peter Widmayer (ETH, Switzerland)
- Jinhui Xu (State University of New York at Buffalo)
- Yinfeng Xu (Xi'an Jiaotong University)
- Yinyu Ye (Stanford University)
- Guochuan Zhang (Zhejiang University)
- Xiao Zhou (Tohoku University)
- Binhai Zhu (Montana State University)