Call for Papers
The 17th Annual International Computing and Combinatorics Conference (COCOON 2011) August 14-16, 2011, Dallas, Texas, USA
http://theory.utdallas.edu/COCOON11/

The 17th Annual International Conference on Computing and Combinatorics (COCOON 2011) will be held during August 14-16, 2011 in Dallas, Texas, USA. Original research papers in the areas of algorithms, theory of computation, computational complexity, and combinatorics related to computing 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.

Topics
The topics include, but are not limited to:
• Algorithms and Data Structures
• Algorithmic Game Theory and Online Algorithms
• Automata, Languages, Logic, and Computability
• Combinatorics Related to Algorithms and Complexity
• Complexity Theory
• Computational Learning Theory and Knowledge Discovery
• Cryptography, Reliability and Security, and Database Theory
• Computational Biology and Bioinformatics
• Computational Algebra, Geometry, and Number Theory
• Graph Drawing and Information Visualization
• Graph Theory, Communication Networks, and Optimization
• Parallel and Distributed Computing

Important Dates
Submission deadline: February 18, 2011
Notification of acceptance: April 17, 2011
Camera-ready submission: May 12, 2011

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Carola Wenk (Univeristy of Texas at San Antanio, USA)
Boting Yang (University of Regina, Canada)
Louxin Zhang (University of Singapor, Singapor)
Shengyu Zhang (Chinese Uni. of Hong Kong, Hong Kong)

Paper Submission
The submission should start with the title of the paper, each author's name, affiliation, and e-mail address, and a one-paragraph summary of the results. This should be followed by a scholarly exposition of 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 length of the submission should not exceed **12 pages** in LNCS style. Submitted papers must describe work not previously published. They must not be submitted simultaneously to another conference with refereed proceedings or to a journal. We regard the following case as a simultaneous submission. Submission of drafts which contain the essentially same results from papers under review in other conferences or journals at the moment of the submission. Only electronic submission (pdf) will be allowed via the Springer Online Conference System (OCS).

Publication
The conference proceedings will be published by Springer-Verlag in the **Lecture Notes in Computer Science** series. After the conference, high quality papers will be published in special issues of some journals.

Awards
The Best Paper and the Best Student Paper will be awarded. A paper is eligible for the Best Student Paper if all authors are full-time students at the time of submission. To indicate that a submission is eligible, please add the phrase "Eligible for best student paper" as the last sentence in the "Abstract" field in the web form on the submission server as well as in the paper.

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