

**COCOON 2012**  
**The 18th Annual International Computing and Combinatorics Conference**  
**20-22 August 2012, Sydney, Australia.**

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 interested in submissions that report on experimental and applied research of general algorithmic interest.

The conference proceedings will be published by Springer-Verlag in the Lecture Notes in Computer Science series. Typical, but not exclusive, topics of interest include:

- Algorithms and Data Structures
- Algorithmic Game Theory
- Approximation 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 Topology
- Graph Drawing and Information Visualization
- Graph Theory, Communication Networks, and Optimization
- Parallel and Distributed Computing

## **Paper Submission**

Contributors are invited to submit a full paper with a maximum of 12 pages in the Springer LNCS format including title, abstract and references. An appendix, beyond the 12 pages, may be added and may be read at the reviewers' discretion. Please format your paper in the Springer Lecture Notes style according to the LNCS Author Instructions. Submitted papers must describe work not previously published. They must not be submitted simultaneously to another conference with refereed proceedings or to a journal. Only electronic submission (pdf) will be allowed.

## **Publication**

The conference proceedings will be published by Springer-Verlag in the Lecture Notes in Computer Science (LNCS) series. After the conference, selected papers will be published in special issues.

## **Awards**

A best paper award and a best student paper award will be given. A paper is eligible for the best student paper award if all authors are full-time students at the time of submission.

## **Important Dates**

Submission deadline	February 18, 2012 (by 11:59:59pm CST)
Notification of acceptance	April 18, 2012
Final version due	May 12, 2012

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