COCOON'03 Call for Papers

The 9th Annual International Computing and Combinatorics Conference (COCOON'03) will be held during July 25–28, 2003, in Big Sky, MT, USA. Original research papers in the areas of theoretical computer science 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. Typical, but not exclusive, topics of interest include:

Algorithms and data structures; Automata, languages, logic, and computability; Combinatorics related to algorithms and complexity; Complexity theory; Computational algebra, biology, geometry, and number theory; Computational learning theory and knowledge discovery; Cryptography, reliability and security, and database theory; Graph drawing and information visualization; Graph theory, communication networks, and optimization; Parallel and distributed computing; Experimental analysis of algorithms

Submissions: COCOON'03 will only accept electronic (PS, PDF) submissions. For detailed instructions on submissions please check http://www.cs.montana.edu/COCOON2003.html. 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 8.5×11 inch paper risk rejection without consideration of their merits.

The proceedings of the conference will be published by Springer-Verlag in the Lecture Notes in Computer Science series, and will be available for distribution at the conference. *Final versions of the accepted papers must be prepared using Latex and must follow the standard guidelines of LNCS.* The Hao Wang Award will be given to the paper of the best scientific merit judged by the program committee. The program committee may decline to make the award, or may split it among several papers.

Invited Speakers: Jon Bentley (Avaya Labs Research, USA), Dan Gusfield (UC Davis, USA), Joel Spencer (NYU, USA)

Program Committee: Nina Amenta (University of Texas at Austin, USA), Tetsuo Asano (JAIST, Japan), Bernard Chazelle (Princeton University, USA), Zhixiang Chen (University of Texas at Pan American, USA), Francis Chin (University of Hong Kong, China), Kyung-Yong Chwa (KAIST, Korea), Robert Cimikowski (Montana State University, USA), Anne Condon (UBC, Canada), Michael Fellows (University of Newcastle, Australia), Anna Gal (University of Texas at Austin, USA), Michael Hallett (McGill University, Canada), Daniel Huson (Tuebingen University, Germany), Naoki Katoh (Kyoto, Japan), D.T. Lee (Academia Sinica, Taiwan), Bernard Moret (University of New Mexico, USA), Brendan Mumey (Montana State University, USA), Gene Myers (Celera Genomics, USA), Hung Quang Ngo (SUNY at Buffalo, USA), Takao Nishizeki (Tohoku, Japan), Cindy Phillips (Sandia National Labs, USA), David Sankoff (University of Montreal, Canada), Denbigh Starkey (Montana State University, USA), Jie Wang (University of Massachusetts Lowell, USA), Lusheng Wang (City University of Hong Kong, China), Tandy Warnow (University of Texas at Austin, USA, **co-chair**), Binhai Zhu (Montana State University, USA, **co-chair**)

Organizing Committee Chair: Denbigh Starkey (Montana State University, USA)

Important Dates:
Submission of Papers: **February 7, 2003**
Notification of Acceptance: **April 1, 2003**
Final Version: **April 28, 2003**

Location: The conference Web site http://www.cs.montana.edu/COCOON2003.html provides more information about the conference.