Call For Papers

4th Workshop on Algorithm Engineering and Experiments

ALENEX 02

January 4–5, 2002, San Francisco, California

Program Committee:

Nancy Amato, Texas A&M University
Marshall Bern, Xerox PARC
Michael Goodrich, University of California, Irvine
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Michael Mitzenmacher, Harvard University
David Mount (Co-chair), University of Maryland
Giri Narasimhan, Florida International University
Rajeev Raman, University of Leicester
Clifford Stein (Co-chair), Columbia University

Important dates:

Submission of Papers	October 10, 2001
Notification of Accept.	November 7, 2001
Final Version due	December 10, 2001

Location:

Radisson Miyako Hotel
San Francisco, California

For more information:

`http://www.cs.umd.edu/~mount/ALENEX02`
or email `mount@cs.umd.edu`

The aim of the annual *ALENEX* workshops is to provide a forum for presentation of original research in the implementation and experimental evaluation of algorithms and data structures. We invite submissions that present significant case studies in experimental analysis (such studies may tighten, extend, or otherwise improve current theoretical results) or in the implementation, testing, and evaluation of algorithms for realistic environments and scenarios, including specific applied areas (including databases, networks, operations research, computational biology and physics, computational geometry, and the world wide web) that present unique challenges in their underlying algorithmic problems. We also invite submissions that address methodological issues and standards in the context of empirical research on algorithms and data structures.

The scientific program will include invited talks, contributed research papers, and ample time for discussion and debate of topics in this rapidly evolving research area. A proceedings will be published, and a special issue of the *ACM Journal of Experimental Algorithmics* will feature invited contributions from the workshop.

This workshop is colocated with *SODA 02*, the 13th ACM-SIAM Symposium on Discrete Algorithms, and will be held in the two days preceding that conference. A paper that has been reviewed and accepted for presentation at SODA is not eligible for submission to ALENEX. We recognize, however, that some research projects spawn multiple papers that elaborate on different aspects of the work and are willing to respond to inquiries about overlapping papers.

The workshop is supported by *SIAM*, the Society for Industrial and Applied Mathematics; and *SIGACT*, the ACM Special Interest Group on Algorithms and Computation Theory.

Authors are invited to submit 10-page extended abstracts by **5:00 PM EDT, OCTOBER 10, 2001** and *must* use the SIGACT electronic submissions server. Detailed instructions for submitting to the workshop can be found at the workshop's website.

`http://www.cs.umd.edu/~mount/ALENEX02`

Notification of acceptance or rejection will be sent by November 7, 2001. The deadline for receipt of papers in final version is December 10, 2001. Presenters must have submitted the final versions of their papers in order to be able to present them at the workshop.