

Call for Papers

WEA 2006

Fifth International Workshop on Experimental Algorithms

May 24–27, 2006

Menorca Island, Spain

PROGRAM COMMITTEE

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IMPORTANT DATES

Submissions Due: **January 20, 2006**
Notification: March 7, 2006
Final Papers Due: March 17, 2006

ORGANIZING COMMITTEE

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The WEA Workshops are intended to be an international forum for researchers in the area of design, analysis, and experimental evaluation and engineering of algorithms, as well as in various aspects of computational optimization and its applications. The preceding Workshops were held in Riga, Monte Verita, Rio de Janeiro and Santorini.

Topics of interest: Contributions solicited cover a variety of topics including but not limited to:

- Algorithm Engineering
- Algorithmic Mechanism Design
- Analysis of Algorithms
- Approximation Techniques
- Branch and Bound Algorithms
- Combinatorial Structures and Graphs
- Combinatorial and Irregular Problems
- Communication Networks
- Complex Networks
- Computational Learning Theory
- Computational Optimization
- Computer Systems
- Cryptography and Security
- Data Structures
- Distributed Algorithms
- Evaluation of Algorithms for Realistic Environments
- Graph Drawing
- Heuristics for Combinatorial Optimization
- Implementation, Testing, Evaluation and Fine-tuning
- Information Retrieval
- Integer Programming
- Logistics and Operations Management
- Machine Learning and Data Mining
- Mathematical Programming
- Metaheuristic Methodologies
- Network Analysis
- Novel Applications of Algorithms in Other Disciplines
- On-line Problems
- Parallel Algorithms and Computing
- Railway Optimization using Algorithmic Methods
- Randomized Techniques
- Robotics
- Semidefinite Programming
- Simulation
- Software Repositories and Platforms for using Algorithms
- Telecommunications and Networking
- World Wide Web Algorithms

Paper submission: Authors are invited to submit a draft of a full paper describing original, unpublished research with at most 12 pages (in LNCS style or similar). Proofs omitted due to space constraints must be put into an appendix to be read by the program committee members at their discretion. Electronic submissions should be formatted in postscript or pdf.

The proceedings will be published in Springer’s LNCS series. Simultaneous submission to other conferences or workshops with published proceedings is not allowed.

See the conference website or contact the workshop organizers for further information.