



9th International Symposium on Experimental Algorithms  
May 20 - 22, 2010 - Hotel Continental Terme, Ischia (Naples), Italy

## Call for Papers

### Program Committee

David A. Bader (Georgia Inst. of Technology, USA)  
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### Steering Committee

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Jose Rolim (U. of Geneva, Switzerland) (chair)  
Pavlos Spirakis (U. of Patras & CTI, Greece)

### Plenary Speakers

Giuseppe F. Italiano (U. of Rome "Tor Vergata", Italy)  
Panos Pardalos (U. Florida, USA)

### Important Dates

Submissions Due: February 12, 2010 (23:59 GMT+1)  
Notification: March 8, 2010 (23:59 GMT+1)  
Final Papers Due: March 19, 2010 (23:59 GMT+1)  
Early Registration: April 9, 2010 (23:59 GMT+1)

### Organizing Committee

Daniele Ferone (U. of Napoli Federico II, Italy)  
Paola Festa (U. of Napoli Federico II, Italy) (Chair)

### Contact Information

Paola Festa  
[Dept. of Mathematics and Applications "R. Caccioppoli"](mailto:info@sea2010.unina.it)  
[University of Napoli "Federico II"](mailto:paola.festa@unina.it)  
Compl. M.S.A. - Via Cintia, 80126 Napoli - Italy  
E-mail: [info@sea2010.unina.it](mailto:info@sea2010.unina.it), [paola.festa@unina.it](mailto:paola.festa@unina.it)  
SEA 2010 Webpage: <http://www.sea2010.unina.it/>

### Aims & Scope

The WEA/SEA Symposia 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 Symposia were held in Riga, Monte Verita, Rio de Janeiro, Santorini, Menorca Island, Rome, Cape Cod, and Dortmund

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

Analysis of Algorithms  
Algorithms for Memory Hierarchies  
Approximation Techniques  
Bioinformatics  
Branch and Bound Algorithms  
Combinatorial and Irregular Problems  
Combinatorial Structures and Graphs  
Communication Networks  
Complex Networks  
Computational Geometry  
Computational Learning Theory  
Computational Optimization  
Computer Systems  
Cryptography and Security  
Data Streams  
Data Structures  
Distributed and Parallel Algorithms  
Evaluation of Algorithms for Realistic Environments  
Experimental Techniques and Statistics  
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  
Multiple Criteria Decision Making  
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 symposia with published proceedings is not allowed.

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

**Journal Special Issue.** Selected papers from SEA 2010 will be considered for a special issue of the [ACM Journal on Experimental Algorithmics](#).