WEA 2008: 7th International Workshop on Experimental Algorithms
May 30 – June 2, 2008
Provincetown, Cape Cod, Massachusetts, USA

The WEA Workshops are intended to be an international forum for researchers in the area of experimental evaluation and engineering of algorithms, as well as in aspects of computational optimization and its applications. The focus of the workshop is on using experimental methods to support algorithm design and analysis.

All submissions will be refereed. The **proceedings** of WEA 2008 will be published by Springer Verlag in a volume of *Lecture Notes in Computer Science*. A subset of papers will be invited to be expanded and published in a Special Section of the *ACM Journal of Experimental Algorithms*.

Visit http://www.cs.amherst.edu/ccm/wea08 for information and workshop deadlines.
General and Program Chair: Catherine C. McGeoch, Amherst College, USA, (ccm@cs.amherst.edu).

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
- 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 of Algorithms
- 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