



# NICSO 2007

## International Workshop on Nature Inspired Cooperative Strategies for Optimization

ACIREALE, SICILY (ITALY) – NOVEMBER 8-10, 2007

<http://www.dmi.unict.it/nicsso2007> - [nicsso2007@dmi.unict.it](mailto:nicsso2007@dmi.unict.it)

### CALL FOR PAPER:

*NICSO 2007 is the second edition of the International Workshop on Nature Inspired Cooperative Strategies for Optimization and it aims are to give a deeper investigation and a vigorous exchange of ideas about emerging research areas in **cooperative** problem solving strategies.*

*The accepted papers will be published in the book series on **Studies in Computational Intelligence, SPRINGER-VERLAG**. The length of each contribution will not exceed 12 pages.*

*The authors of the best accepted papers will be invited to revise and adapt their contribution for the publication in **NATURAL COMPUTING Journal**.*

*NICSO 2007 plenary speakers are **Marco DORIGO** (*Swarm-bots: An Experiment in Swarm Robotics*) and **Roberto BATTITI** (*Reactive Search: Adaptive on-line Self-Tuning for Optimization*).*

### TOPICS (NOT LIMITED TO):

- *Adaptive Behavior*
- *Ants Colonies*
- *Amorphous Computing*
- *Artificial Life*
- *Artificial Immune Systems*
- *Coevolution*
- *Distributed Computing*
- *Evolutionary Robotics*
- *Evolvable Systems*
- *Genetic Algorithms*
- *Genetic Programming*
- *Membrane Computing*
- *Quantum Computing*
- *Software Self Assembly*
- *Swarm Intelligence*

### Cooperative Strategies for:

- *Numerical and Combinatorial Optimization*
- *Non Linear Optimization*
- *Dynamic Optimization*
- *Noisy Optimization*
- *Bioinformatics and Systems Biology*
- *Game Theory*
- *Complex Systems*

### IMPORTANT DATES:

- ✓ **DEADLINE FOR SUBMISSION: SEPTEMBER, 15**
- ✓ **NOTIFICATION OF ACCEPTANCE: SEPTEMBER, 30**
- ✓ **DEADLINE FOR CAMERA-READY: OCTOBER, 10**

### WORKSHOP CO-CHAIRS:

**Natalio Krasnogor**, University of Nottingham  
**Giuseppe Nicosia**, University of Catania  
**Mario Pavone**, University of Catania  
**David Pelta**, University of Granada

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**Alejandro Sancho**, Working group on Models of Decision and Optimization, Spain  
**Giuseppe Scollo**, University of Catania  
**Jim Smith**, University of the West of England  
**Jon Timmis**, University of York  
**José Luis Verdegay**, University of Granada  
**Ronald Westra**, University of Maastricht-Limburg