



## *EuroGP, EvoCOP, EvoBIO, EvoMUSART and EvoApplications*

Featuring the latest in theoretical and applied research, EvoStar topics include recent genetic programming challenges, evolutionary and other meta-heuristic approaches for combinatorial optimization, evolutionary algorithms, machine learning and data mining techniques in the biosciences, in numerical optimization, in music and art domains, in image analysis, signal processing and pattern recognition, in finance and economics, computer games, risk management, security and defence applications, communication networks, parallel and distributed infrastructures, dynamic and stochastic environments and in a wide range of applications to scientific, industrial, financial and other real-world problems.

Proceedings will be published by Springer Verlag in Lecture Notes in Computer Science series.

### **Important Dates:**

Submission deadline: 11 November 2012 (extended)  
Camera-ready deadline: 15 January 2013  
Conference dates: 3-5 April 2013

### **EuroGP**

16th International Conference on Genetic Programming

### **EvoCOP**

13th International Conference on Evolutionary Computation in Combinatorial Optimization

### **EvoBIO**

11th International Conference on Evolutionary Computation, Machine Learning and Data Mining in Computational Biology

### **EvoMUSART**

2nd International Conference on Evolutionary and Biologically Inspired Music, Sound, Art and Design

### **EvoApplications** – 12 Tracks

International Conference on the Applications of Evolutionary Computation

Evo**COMNET** - Nature-inspired Techniques for Communication Networks and other Parallel and Distributed Systems.

Evo**COMPLEX** - Evolutionary Algorithms and Complex Systems

Evo**ENERGY** - Evolutionary Algorithms in Energy Applications

Evo**FIN** - Evolutionary Computation in Finance and Economics

Evo**GAMES** - Bio-inspired Algorithms in Games

Evo**IASP** - Evolutionary Computation in Image Analysis, Signal Processing and Pattern Recognition

Evo**INDUSTRY** - Nature-Inspired Techniques in Industrial Settings

Evo**NUM** - Bio-inspired algorithms for continuous parameter optimisation

Evo**PAR** - Parallel Architectures and Distributed Infrastructures

Evo**RISK** - Computational Intelligence for Risk Management, Security and Defence Applications

Evo**ROBOT** - Evolutionary Computation in Robotics

Evo**STOC** - Evolutionary Algorithms in Stochastic and Dynamic Environments

#### **EVO\* coordinator**

Jennifer Willies, Edinburgh Napier University, UK

#### **Local Chair**

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