EuroGP Programme *(provisional at 12 Feb 2015)*

**Wednesday 8 April**

**1120-1300 Euro GP session 1: Scaling GP**  
session chairs: Penousal Machado & Malcolm Heywood

- **Indirectly Encoded Fitness Predictors Coevolved with Cartesian Programs**  
  *Michaela Sikulova, Jiri Hulva, Lukas Sekanina*

- **Automatic Derivation of Search Objectives for Test-Based Genetic Programming**  
  *Krzysztof Krawiec, Paweł Liskowski*

- **Evolutionary Design of Transistor Level Digital Circuits using Discrete Simulation**  
  *Vojtech Mrazek, Zdenek Vasicek*

- **Improving Geometric Semantic Genetic Programming with Safe Tree Initialisation**  
  *Grant Dick*

**1415-1555 Euro GP session 2: Applications**  
session chair: Sara Silva

- **Learning Text Patterns using Separate-and-Conquer Genetic Programming**  
  *Alberto Bartoli, Andrea De Lorenzo, Eric Medvet, Fabiano Tarlao*

- **Evolving Ensembles of Dispatching Rules using Genetic Programming for Job Shop Scheduling**  
  *John Park, Su Nguyen, Mengjie Zhang, Mark Johnston*

- **M3GP - Multiclass Classification with GP**  
  *Luis Muñoz, Sara Silva, Leonardo Trujillo*

- **Tapped Delay Lines for GP Streaming Data Classification with Label Budgets**  
  *Ali Vahdat, Jillian Morgan, Andrew R. McIntyre, Malcolm I. Heywood, A. Nur Zincir-Heywood*

**1620-1800 Euro GP session 3: Best Papers**  
session chair: Krzysztof Krawiec

- **Cartesian GP in Optimization of Combinational Circuits with Hundreds of Inputs and Thousands of Gates**  
  *Zdenek Vasicek*
On the Generalization Ability of Geometric Semantic Genetic Programming
Ivo Gonçalves, Sara Silva, Carlos M. Fonseca

Attributed Grammatical Evolution using Shared Memory Spaces and Dynamically Typed Semantic Function Specification
James Vincent Patten, Conor Ryan

The Effect of Distinct Geometric Semantic Crossover Operators in Regression Problems
Julio Albinati, Gisele L. Pappa, Fernando E. B. Otero, Luiz Otávio V. B. Oliveira

1800-1930 EuroGP poster session in conjunction with EvoStar posters and conference reception

Genetic Programming for Feature Selection and Question-Answer Ranking in IBM Watson
Urvesh Bhowan, D. J. McCloskey

Automatic Evolution of Parallel Recursive Programs
Gopinath Chennupati, Muhammad R. Atif Azad, Conor Ryan

Proposal and Preliminary Investigation of a Fitness Function for Partial Differential Models
Igor S. Peretta, Keiji Yamanaka, Paul Bourgine, Pierre Collet

Evolutionary Methods for the Construction of Cryptographic Boolean Functions
Stjepan Picek, Domagoj Jakobovic, Julian F. Miller, Elena Marchiori, Lejla Batina

Templar - a Framework for Template-Method Hyper-Heuristics
Jerry Swan, Nathan Burles

Circuit Approximation Using Single- and Multi-Objective Cartesian GP
Zdenek Vasicek, Lukas Sekanina

Thurs 9 April

0930-1110 Euro GP session 4 Panel Discussion:
Future and Emerging Trends in Genetic Programming (open to all)