

# MedGEC 2005

## Workshop Schedule

- 8.30 Stephen L. Smith and Stefano Cagnoni  
MedGEC Workshop Introduction
- 8.40 Peter Bosman and Tanja Alderliesten  
Evolutionary Algorithms for Medical Simulations - A Case Study in Minimally-Invasive Vascular Interventions
- 9.05 Claire Bourgeois-Republique, Bruno Frachet and Pierre Collet  
Using an Interactive Evolutionary Algorithm to Help Fitting a Cochlear Implant
- 9.30 Ivar Siccama and Maarten Keijzer  
Genetic Programming as a Method to Develop Powerful Predictive Models for Clinical Diagnosis
- 9.55 Gabriel Mañana, Fabio González and Eduardo Romero  
Distributed Genetic Algorithm for Subtraction Radiography
- 10.20 Coffee
- 10.40 Andrei Petrovski and John McCall  
Smart Problem Solving Environment for Medical Decision Support
- 11.05 Christopher Stephens, Henri Waelbroeck, Susan Talley, Rosario Cruz and Arlene Ash  
Predicting Healthcare Costs using GAs
- 11.30 Alessandro Passaro, Flavio Baronti, Valentina Maggini, Alessio Micheli, Anna Maria Rossi, and Antonina Starita  
Exploring Relationships between Genotype and Oral Cancer Development through XCS
- 11.55 Discussion
- 12.30 Workshop Close