

EVOMUSART2006 PROGRAMME

4th European Workshop on Evolutionary Music and Art

Monday 10 April Strasbourg Room

- 0930-1100 **Plenary session:** invited speaker Dr Rich Terrile
- 1100-1120 **Coffee break**
- 1120-1250 **Evolutionary Music:** CHAIR: Gary Greenfield
Evolutionary Musique Concrète
Cristyn Magnus
Synthesising timbres and timbre-changes from adjectives/adverbs
Alex Gounaropoulos, Colin G. Johnson
Modelling Expressive Performance: a Regression Tree Approach Based on Strongly Typed Genetic Programming
Amaury Hazan, Rafael Ramirez, Esteban Maestre, Alfonso Perez, Antonio Pertusa
- 1250-1415 **Lunch**
- 1415-1545 **Evolutionary Music:** CHAIR: Colin G Johnson
A Connectionist Architecture for the Evolution of Rhythms
João Magalhães Martins, Eduardo Reck Miranda
Science of Networks and Music: A New Approach on Musical Analysis and Creation
Gianfranco Campolongo, Stefano Vena
Continuous-Time Recurrent Neural Networks for Generative and Interactive Musical Performance
Oliver Bown, Sebastian Lexer
- 1545-1600 **Coffee break**
- 1600-1730 **Evolutionary Art:** CHAIR: Penousal Machado
Using Physiological Signals to Evolve Art
Tristan Basa, Christian Anthony Go, Kil-Sang Yoo, Won-Hyung Lee
Consensual paintings
Paulo Urbano
Robot Paintings Evolved using Simulated Robots
Gary Greenfield (Nominated for Best Paper Award)
Supervised genetic search for parameter selection in painterly rendering
John P. Collomosse (Nominated for Best Paper Award)

EVOMUSART2006 PROGRAMME

4th European Workshop on Evolutionary Music and Art

Monday 10 April

1730-1900 **Conference poster session**

A Two-Stage Autonomous Evolutionary Music Composer

Yaser Khalifa, Robert Foster

MovieGene: Evolutionary Video Production based on Genetic Algorithms and Cinematic Properties

Nuno Henriques, Nuno Correia, Jônatas Manzolli, Luís Correia, Teresa Chambel

Audible convergence for optimal base melody extension with statistical genre-specific interval distance evaluation

Ronald Hochreiter

Layered Genetical Algorithms Evolving Into Musical Accompaniment Generation

Ribamar Santarosa, Artemis Moroni, Jônatas Manzolli

1930-2230 **Conference Reception in conjunction with EvoMusArt exhibition at Artpool Art Research Centre (coaches depart at 1930)**