

### Wednesday - Posters

Building Virtual Ecosystems from Artificial Chemistry	Alan Dorin, Kevin Korb
Designing a Methodology to Estimate Complexity of Protein Structures	Alejandro Balbín, Eugenio Andrade
Neutral Emergence and Coarse Graining	Andrew Weeks, Susan Stepney, Fiona Polack
Semi-Synchronous Activation in Scale-Free Boolean Networks	Christian Darabos, Mario Giacobini, Marco Tomassini
An Analysis of the Effects of Lifetime Learning on Population Fitness and Diversity in an NK fitness landscape	Dara Curran, Colm O'Riordan, Humphrey Sorensen
The Creativity Potential within Evolutionary Algorithms	David Iclanzan
Variance in Water Temperature as a factor in the modelling of Starfish and Mussel population density and diversity	David White
The application of the idea of Extended Cellular Automata for some pedestrian behaviours	Ewa Dudek-Dyduch, Jaroslaw Was, Bartlomiej Gudowski
Folding Protein-Like Structures with Open L-systems	Gemma Danks, Susan Stepney, Leo Caves
Artificial ecosystem selection for evolutionary optimisation	Hywel Williams, Tim Lenton
Energy Flows and Maximum Power on an Evolutionary Ecological Network Model	Jiang Zhang
Detecting non-trivial computation in complex dynamics	Joseph Lizier, Mikhail Prokopenko, Albert Zomaya
MBEANN: Mutation-Based Evolving Artificial Neural Networks	Kazuhiro Ohkura, Toshiyuki Yasuda, Yuichi Kawamatsu, Yoshiyuki Matsumura, Kanji Ueda
Asynchronous Graph-rewriting Automata and Simulation of Synchronous Execution	Kohji Tomita, Satoshi Murata, Haruhisa Kurokawa
Genotype Editing and the Evolution of Regulation and Memory	Luis M Rocha, Jasleen Kaur
Emergence of Genetic Coding: an Information-theoretic Model	Mahendra Piraveenan, Daniel Polani, Mikhail Prokopenko
Wavelet Network with Hybrid Algorithm to Linearize High Power Amplifiers	Nibaldo Rodriguez, Claudio Cubillos
Preliminary Investigations on the Evolvability of a Non-Spatial GasNet Model	Patricia A. Vargas, Ezequiel A. Di Paolo, Phil Husbands
Chemical Organizations at Different Spatial Scales	Pietro Speroni di Fenizio, Peter Dittrich
The Problems With Counting Ancestors in a Simple Genetic Algorithm	Robert Collier, Mark Wineberg