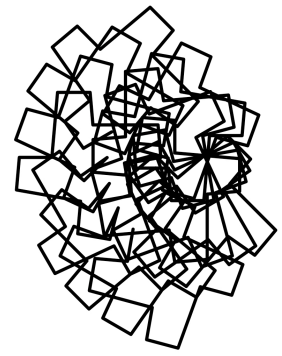


Friday 22nd May 2009

UCD Complex & Adaptive
Systems Laboratory
Seminar Room



NCRA 2009

3rd Natural Computing Research & Applications Workshop

- 10.00-10.20 *Towards understanding the Effects of Locality in Evolutionary Search* Edgar Galvan
- 10.20-10.40 *Agent-Based Modelling in Finance* Kai Fan
- 10.40-11.00 *Duplication in Grammatical Evolution* Shane Martin
- Coffee break
- 11.20-11.40 *An Exploration of Learning & Grammars in Grammatical Evolution* Erik Hemberg
- 11.40-12.00 *Dynamic Stochastic Programming for Portfolio Management* Jing Dang
- 12.00-12.20 *Semantics in Genetic Programming* Uy Quang Nguyen
- Lunch
- 1.30-2.20 *Robust Adaptive Solutions for Dynamic Environments*
Ian Dempsey (Pipeline Inc., NY, USA)
- Coffee break
- 2.40-3.00 *Grammatical Evolution for Physics-based Animation* James Murphy
- 3.00-3.20 *Efficient Trade Execution using a GA in an Order Based Artificial Stock Market* Wei Cui
- Coffee break
- 3.40-4.00 *Shape Grammars and GE for Evolutionary Design* John Mark Swafford
- 4.00-4.20 *Interactive Evolution of 3D Objects using GEVA & Blender* James McDermott
- 4.20-4.30 *Workshop Closing Remarks*

Book Launch

- 5.30-6.30 *Foundations in Grammatical Evolution for Dynamic Environments.*
by Ian Dempsey, Michael O'Neill and Anthony Brabazon. Published by Springer.