### Late Breaking Abstracts Workshops: Paper Presentation Schedule

**Wednesday, July 7**

#### Late Breaking Abstracts 1: Operator Design and Evolutionary Software Frameworks

**8:30 – 10:20**  
**Room: Portland**

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<th>Session Chair</th>
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|               | Backpropagation learning with a (1+1) ES  
Jose Parra, Leonardo Trujillo, Patricia Melin |
|               | Meta-Learning Genetic Programming  
Ryan J Meuth |
|               | LESR CLASS-An LCS for Securities Trading Rulesets  
John Hurley |
|               | Fuzzy Social Interaction Genetic Algorithm  
Otavio Noura Teixeira, Walter Avelino da Luz Lobato, Carlos Takeshi Kudo  
Yasojima, Felipe Houat de Brito, Artur Noura Teixeira, Roberto Célio Limão de Oliveira |
|               | Emergence of Cooperative Societies in Evolutionary Games  
Kan-Leung Cheng, Inon Zuckerman, Ugur Kuter, Dana Nau |
|               | Evolutionary Artificial Immune System Optimization  
André Ferry Barreia, Carlos Eduardo Guimarães Oliveira, Otávio Noura Teixeira, Roberto Célio Limão de Oliveira |

#### Late Breaking Abstracts 2: Genetics Based Machine Learning

**8:30 – 10:20**  
**Room: Salem**

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|               | Superior Exploration-Exploitation Balance with Quantum-Inspired Hadamard Walks  
Sisir Koppaka |
|               | Genetic Operations to Solve Sudoku Puzzles  
Yuji Sato, Hazuki Inoue |
Late Breaking Abstracts 2: Genetics Based Machine Learning (continued)

RGP: An Open Source Genetic Programming System for the R Environment
Oliver Flasch, Olaf Mersmann, Thomas Bartz-Beielstein

Randomized Interpolation: A Crossover Operator Producing Children at a Constraint Transition
Steven Orla Kimbrough, David Harlan Wood

Fitness Importance for Online Evolution
Philip Valencia, Raja Jurdak, Peter Lindsay

Genetic Algorithm with Multi-Colony Dynamic Reproduction
Thanh-Do Tran, Gang-Gyoo Jin

Late Breaking Abstracts 3: Real World Applications
10:40 – 12:30 Room: Salem
Session Chair

A Control Optimization Algorithm for Greenhouse Climate Control Problems
Haigen Hu, Lihong Xu, Erik D. Goodman

Evolutionary Computation on Complex Spatially-Distributed Networks
Marcin L. Pilat, Irene Pestov

Genetic Algorithms for Automatic Classification of Moving Objects
Omid David-Tabibi, Nathan S. Netanyahu, Yoav Rosenberg, Moshe Shimoni

Component Evolution for Large Scale Air Traffic Optimization
Adrian Agogino

Trading in Financial Markets using Pattern Recognition Optimized by Genetic Algorithms
Paulo Parracho, Rui Neves, Nuno Horta

A Genetic Algorithm to Improve Linux Kernel Performance on Resource-Constrained Devices
James Kukunas, Robert D. Cupper, Gregory M. Kapfhammer
Late Breaking Abstracts Workshops: Paper Presentation Schedule

Thursday, July 8

Late Breaking Abstracts 4: Swarm Intelligence, Differential Evolution, and Phylogenetics
8:20 – 10:20    Room: Salem
Session Chair

Consultant-Guided Search Combined with Local Search for the Traveling Salesman Problem
Serban Iordache

On the Asymptotic Convergence of Differential Evolution in Continuous Spaces - A Control Theoretic Approach
Sayan Ghosh, Swagatam Das, Sanjoy Das

A Fitness-based Adaptation Scheme for Control Parameters in Differential Evolution
Arnob Ghosh, Aritra Chowdhury, Ritwik Giri, Swagatam Das, Sanjoy Das

Particle Swarm Optimization Algorithm for Option Pricing
Hari Prasain, Parimala Thulasiraman, Ruppa K Thulasiram, Girish K Jha

Robot Phylogenetics
Kyle I Harrington, Jordan B Pollack

Consultant-Guided Search Algorithms for the Quadratic Assignment Problem
Serban Iordache

Late Breaking Abstracts 5: Applications
10:40 – 12:30    Room: Salon E
Session Chair

An Adaptive Hybrid VNS/SA Approach to the One-Commodity Pickup and Delivery Problem
Manar I. Hosny, Christine L. Mumford

Dimensionality Reduction using Symbolic Regression
Ilknur Icke, Andrew Rosenberg
Corner Junction: A New Strategy for 2D Strip Packing
*Mitsukuni Matayoshi*

Finding Feature Transformation Functions Using Genetic Algorithm
*Eun Yeong Ahn, Tracy Mullen, John Yen*

Towards Automated Software Architectures Design Using Model Transforms and Evolutionary Algorithms
*Rui Li, Michel R. V. Chaudron, René C. Ladan*

Using Synthetic Test Suites to Empirically Compare Search-Based and Greedy Prioritizers
*Zachary D. Williams, Gregory M. Kapfhammer*