
Program of the MSAEC-2005 Workshop

Saturday, June 25, 2005, 1400-1800 EST

1400-1415	Workshop aims and organization
1415-1515	Session One
1530-1620	All-hands poster session(oral presenters and poster presenters)
1630-1730	Session Two
1730-1800	Brainstorming for needs and directions for methods and applications

Introduction

1400-1415 Workshop aims and organization

Session One

- 1415-1430 MOEA Design of Robust Digital Symbol Sets, *Richard O. Day, Abel S. Nunez, Gary B. Lamont*
- 1430-1445 Text-independent Open-set Speaker Identification for Military Missions Using Genetic Rule-based System, *Jae C. Oh, Misty Blowers*
- 1445-1500 Evolving Next Generation Signal Compression and Reconstruction Transforms via Genetic Algorithms, *Frank Moore, Pat Marshall*
- 1500-1515 802.11 Network Intrusion Detection using Genetic Programming, *Patrick LaRoche, A. Nur Zincir-Heywood*
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All-hands poster session

1530-1620 Oral and poster presentations will discuss real results with the workshop attendees

Session Two

- 1630-1645 Strategic War Gaming Genetic Algorithms, *Sushil J. Louis, Chris Miles*
- 1645-1700 Using Evolutionary Algorithms and Dynamic Programming to solve Uncertain Multi-Criteria Optimisation Problems with application to Lifetime Management for military Platforms, *Claire J. Thie, Darren M. Chitty, Colin M. Reed*
- 1700-1715 Evolutionary Computation Methods for Synchronization of Effects Based Operations, *Jeffrey P. Ridder*
- 1715-1730 An Evolutionary Algorithm to Generate Ellipsoid Network Intrusion Detectors, *Joseph M. Shapiro, Gary B. Lamont, Gilbert L. Peterson*
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1730-1800 All-Hands Brainstorming Session

Poster Presentations

- Evolving Agents for Network Centric Warfare, *Ang Yang, Hussein A. Abbass, Ruhul Sarker*
- Solving the Aircraft Engine Maintenance Scheduling Problem using a Multi-objective Evolutionary Algorithm, *Mark P. Kleeman, Gary B. Lamont*
- Tactical UGV Navigation and Logistics Planning, *Talib S. Hussain, Daniel Cerys, David Montana, Gordon Vidaver, Jeffrey E. Berliner*
- Rapid Asset Allocation for Dynamic TACAIR Decision Support, *John McDonnell, Aaron Rice*