

GECCO-10 Schedule for Tutorials and Workshops

Key:

	Workshop
	Tutorial

WEDNESDAY, 7 JULY

DAY and TIMESLOT are finalized. Room assignments will be made in May, 2010.

Sessions: 1 hour 50 minutes Morning and afternoon breaks: 20 minutes Lunch: 1 hour 30 minutes				
	8:30-10:20	10:40-12:30	14:00-15:50	16:10-18:00
	Intro Evolutionary Computation: A Unified View Kenneth De Jong	Intro Intro to Genetic Algorithms Erik Goodman	Advanced GA Theory Michael D. Vose	Intro Probabilistic Model-Building GAs Martin Pelikan
	Advanced Representations for Evolutionary Algorithms Franz Rothlauf		Intro Learning Classifier Systems Martin Butz	Advanced Experimental Optimization by Evolutionary Algorithms Thomas Bäck, Joshua Knowles, Ofer M. Shir
	Advanced Computational Complexity and EC Frank Neumann, Thomas Jansen	Advanced Bioinformatics Jason Moore	Advanced Evolutionary Computation on GPUs (with NVIDIA presentation) Wolfgang Banzhaf, Pierre Collet, Simon Harding, NVIDIA	Special GPUs (with NVIDIA presentation) continued
	Intro Evolution Strategies: Basic Introduction Thomas Bäck	Intro Statistical Analysis for Evolutionary Computation: Introduction Mark Wineberg, Steffen Christensen	Advanced Statistical analysis for evolutionary computation: Advanced Techniques Mark Wineberg, Steffen Christensen	Advanced Tuning and Experimental Analysis in EC: What We Still Have Wrong Mike Preuss, Thomas Bartz-Beielstein
		Special Generative and Developmental Systems Kenneth O. Stanley	Advanced Constraint Handling Techniques Used with EAs Carlos Coello Coello	Special Genetic and Evolutionary Computer Vision Gustavo Olague, Mengjie Zhang, Stefano Cagnoni
		Special No Free Lunch Darrell Whitley	Evolutionary Computation and Multi-Agent System and Simulation 4th Annual (ECoMASS) William Rand, Rick Riolo	ECoMASS continued
	Graduate Student Workshop Riccardo Poli	Graduate Student Workshop continued	Graduate Student Workshop continued	Graduate Student Workshop continued
	Medical Applications of Genetic and Evolutionary Computation (MedGEC) Stephen L. Smith, Stefano Cagnoni, Robert Patton	MedGEC continued	7th Undergraduate Student Workshop Clare Bates Congdon Frank Moore	7th Undergraduate Student Workshop continued
	Black Box Optimization Benchmarking Anne Auger, Hans-Georg Beyer, Nikolaus Hansen, Steffen Finck, Raymond Ros, Petr Posik	BBOB continued	BBOB continued	BBOB continued

GECCO-10 Schedule for Tutorials and Workshops

THURSDAY, 8 JULY

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Sessions: 1 hour 50 minutes Morning and afternoon breaks: 20 minutes Lunch: 1 hour 30 minutes				
Room (capacity)	8:30-10:20	10:40-12:30	14:00-15:50	16:10-18:00
	Intro Grammatical Evolution Conor Ryan	Intro Evolutionary Neural Networks Risto Miikkulainen, Kenneth O. Stanley	Intro Ant Colony Optimization Manuel Lopez-Ibanez	Intro Financial Evolutionary Computation Christopher D. Clack
	Special Digital Evolution with Avida Charles Ofria, Benjamin Beckmann, Jeff Clune	Special Billion Bits Kumara Sastry	Special Real World Data Modeling Mark Kotanchek	Special Fitness Landscapes and Problem Hardness in Genetic Programming Leonardo Vanneschi
	Special Synthetic Biology Natalio Krasnogor	Special Cartesian Genetic Programming Julian Miller, Simon Harding	Special Evolution Strategies and Covariance Matrix Adaptation Anne Auger Nikolaus Hansen	Special Theory of Randomized Search Heuristics in Combinatorial Optimization Carsten Witt
		Special Evolving Quantum Computer Algorithms Lee Spector	Statistics Workshop: Hands-On Help and Demonstrations Mark Wineberg, Steffen Christensen, Thomas Bartz-Beielstein, Mike Preuss	Statistics Workshop continued
	Intro Intro to Genetic Programming John R. Koza	Advanced GP Theory Riccardo Poli	Special Handling Bloat in GP Sara Silva	1st GECCO Workshop on Visualization Methods for Genetic and Evolutionary Computation (VizGEC) Jason H. Moore
	Advanced Foundations of Evolutionary Multi-Objective Optimization Tobias Friedrich, Frank Neumann	Advanced Evolutionary Multi-Objective Optimization Kalyanmoy Deb	Theoretical Aspects of Evolutionary Multiobjective Optimization - Current Status and Future Trends Dimo Brockhoff, Nicola Beume	TA of EMO continued
	Symbolic Regression & Modeling Steven Gustafson, Mark Kotanchek	SR&M continued	Optimization by Building and Using Probabilistic Models (OBUPM-2010) Mark Hauschild, Martin Pelikan	OBUPM continued
	13th Annual Learning Classifier Systems Jaume Bacardit, William Browne, Jan Drugowitsch	LCS continued	LCS continued	LCS continued
	Evolutionary Computation Techniques for Constraint Handling Carlos Artemio Coello Coello, Dara Curran and Thomas Jansen	ECT for CH continued	Entropy, Information and Complexity Stuart William Card, Yossi Borenstein	EIC continued