Список литературы

- [Affe 07] M. Affenzeller, S. Wagner, and S. Winkler. "Aspects of adaptation in natural and artificial evolution". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2595–2602, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Babb 07] B. J. Babb. "Evolved transforms surpass the FBI wavelet for improved fingerprint compression and reconstruction". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2603–2606, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Bai 07] Z. Bai and Q. Lv. "A leader-based parallel cross entropy algorithm for MCP". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2401–2406, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Bart 07] T. Bartz-Beielstein and M. Preuss. "Experimental research in evolutionary computation". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3001–3020, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Bece 07] R. L. Becerra and C. A. Coello Coello. "Epsilon-constraint with an efficient cultured differential evolution". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2787–2794, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Bel 07] G. Bel-Enguix and M. D. Jimenez-Lopez. "Agent-environment interaction in a multi-agent system: a formal model". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2607–2612, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Bhat 07] M. Bhattacharya. "Expensive optimization, uncertain environment: an EA-based solution". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2407–2414, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Bina 07] F. Binard and A. Felty. "An abstraction-based genetic programming system". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2415–2422, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Blac 07] T. Blackwell and D. Bratton. "Origin of bursts". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2613–2620, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Bore 07] Y. Borenstein. "An information perspective on evolutionary computation". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3021–3034, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Brat 07] D. Bratton and T. Blackwell. "Understanding particle swarms through simplification: a study of recombinant PSO". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2621–2628, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Brin 07] A. M. Brintrup and H. Takagi. "The effect of user interaction mechanisms in multi-objective IGA". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2629–2632, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Brow 07a] W. N. Browne and C. Ioannides. "Investigating scaling of an abstracted LCS utilising ternary and s-expression alphabets". In: T. Yu, Ed., *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2759–2764, ACM Press, London, United Kingdom, 7-11 July 2007.

- [Brow 07b] A. E. I. Brownlee, J. A. W. McCall, and D. F. Brown. "Solving the MAXSAT problem using a multivariate EDA based on Markov networks". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2423– 2428, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Bull 07] L. Bull. "On lookahead and latent learning in simple LCS". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2633–2636, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Butz 07] M. V. Butz. "Learning classifier systems". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3035–3056, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Byrn 07] E. L. Byrne. "Optimising the flow of experiments to a robot scientist with multi-objective evolutionary algorithms". In: P. A. N. Bosman, Ed., *Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007)*, pp. 2429–2436, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Camp 07] A. M. Campbell and A. S. Wu. "Learning and exploiting knowledge in multi-agent task allocation problems". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2637–2642, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Ceti 07] A. Cetinkaya. "Regular expression generation through grammatical evolution". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2643–2646, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Coel 07] C. A. Coello Coello. "Constraint-handling techniques used with evolutionary algorithms". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3057–3077, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Cook 07] T. E. Cook. "GAUGUIN: generating art using genetic algorithms and user input naturally".
 In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2647–2650, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Corr 07] E. S. Correa, A. A. Freitas, and C. G. Johnson. "Particle swarm and bayesian networks applied to attribute selection for protein functional classification". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2651–2658, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Cott 07] C. Cotta and J. J. Merelo-Guervós. "Complex networks and evolutionary computation". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3078–3092, ACM Press, London, United Kingdom, 7-11 July 2007.
- [de B 07] F. de Boer and P. Hogeweg. "The role of speciation in spatial coevolutionary function approximation". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2437–2441, ACM Press, London, United Kingdom, 7-11 July 2007.
- [de J 07a] E. D. de Jong, K. O. Stanley, and R. P. Wiegand. "Introductory tutorial on coevolution". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3133–3157, ACM Press, London, United Kingdom, 7-11 July 2007.
- [De J 07b] K. De Jong. "Evolutionary computation: a unified approach". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3158–3171, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Deb 07] K. Deb. "Evolutionary practical optimization". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3093–3132, ACM Press, London, United Kingdom, 7-11 July 2007.

- [Di C 07] C. Di Chio, A. Moraglio, and R. Poli. "Geometric particle swarm optimisation on binary and real spaces: from theory to practice". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2659–2666, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Dios 07a] L. Diosan and M. Oltean. "Observing the swarm behaviour during its evolutionary design". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2667–2674, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Dios 07b] L. S. Diosan and M. Oltean. "Evolving evolutionary algorithms using evolutionary algorithms". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2442–2449, ACM Press, London, United Kingdom, 7-11 July 2007.
- [DiPa 07] S. R. DiPaola and L. Gabora. "Incorporating characteristics of human creativity into an evolutionary art algorithm". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2450–2456, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Drug 07] J. Drugowitsch and A. M. Barry. "A principled foundation for LCS". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2675– 2680, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Duma 07] L. Dumas and L. El Alaoui. "How genetic algorithms can improve a pacemaker efficiency".
 In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2681–2686, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Eibe 07] E. A. Eiben, M. Schoenauer, J. L. J. Laredo, P. A. Castillo, A. M. Mora, and J. J. Merelo. "Exploring selection mechanisms for an agent-based distributed evolutionary algorithm".
 In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2801–2808, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Ekar 07] A. Ekárt. "Evolution of lace knitting stitch patterns by genetic programming". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2457–2461, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Ella 07] M. M. H. Ellabaan. "Activation energy-based simulation for self-assembly of multi-shape tiles". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2462–2467, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Elli 07] D. M. Ellin and S. J. Flockton. "Analysing evolvable cell design for optimisation of routing options". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2687–2694, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Farl 07] A. M. Farley. "Choice and development". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2468–2474, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Fici 07] S. G. Ficici and A. Bucci. "Advanced tutorial on coevolution". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3172–3204, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Gers 07] M. Gershoff and S. Schulenburg. "Collective behavior based hierarchical XCS". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2695–2700, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Gold 07] E. F. G. Goldbarg, M. C. Goldbarg, and L. B. Bagi. "Transgenetic algorithm: a new evolutionary perspective for heuristics design". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2701–2708, ACM Press, London, United Kingdom, 7-11 July 2007.

- [Good 07] E. D. Goodman. "Introduction to genetic algorithms". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3205–3224, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Ha 07] J. Ha, J. Eom, S. Kim, and B. T. Zhang. "Evolutionary hypernetwork models for aptamer-based cardiovascular disease diagnosis". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2709–2716, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Haag 07] C. R. Haag, G. B. Lamont, P. D. Williams, and G. L. Peterson. "An artificial immune system-inspired multiobjective evolutionary algorithm with application to the detection of distributed computer network intrusions". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2717–2724, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Hadj 07] F. Z. Hadjam, C. Moraga, and M. Benmohamed. "Cluster-based evolutionary design of digital circuits using all improved multi-expression programming". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2475–2482, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Harr 07a] K. I. Harrington. "Predicting reactions from amino acid sequences in S. cerevisiae: an evolutionary computation approach". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2725–2728, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Harr 07b] G. A. Harrison and E. W. Worden. "Genetically programmed learning classifier system description and results". In: T. Yu, Ed., *Genetic and Evolutionary Computation Conference* (GECCO2007) workshop program, pp. 2729–2736, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Hida 07] J. I. Hidalgo, J. Lanchares, F. F. de Vega, and n. Daniel Lombra "Is the island model fault tolerant?". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2737–2744, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Hild 07] J. A. Hilder and A. M. Tyrrell. "An evolutionary platform for developing next-generation electronic circuits". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2483–2488, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Hold 07] N. P. Holden and A. A. Freitas. "A hybrid PSO/ACO algorithm for classification". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2745–2750, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Hosn 07] M. I. Hosny and C. L. Mumford. "Single vehicle pickup and delivery with time windows: made to measure genetic encoding and operators". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2489–2496, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Howa 07] D. M. Howard, A. M. Tyrrell, and C. Cooper. "Evolution of adult male oral tract shapes for close and open vowels". In: T. Yu, Ed., *Genetic and Evolutionary Computation Conference* (GECCO2007) workshop program, pp. 2751–2758, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Iclv 07] D. Iclănzan. "Crossover: the divine afflatus in search". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2497–2502, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Jani 07] C. Z. Janikow. "Evolving problem heuristics with on-line ACGP". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2503–2508, ACM Press, London, United Kingdom, 7-11 July 2007.

- [Jans 07] T. Jansen and F. Neumann. "Computational complexity and evolutionary computation". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3225–3250, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Kanl 07] A. E. Kanlikilicer, A. Keles, and A. S. Uyar. "Experimental analysis of binary differential evolution in dynamic environments". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2509–2514, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Kaya 07] S. A. Kayani and M. A. Malik. "Combining bond-graphs with genetic programming for unified/automated design of mechatronic or multi domain dynamic systems". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2515–2518, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Kele 07] A. Keles. "Binary differential evolution for the unit commitment problem". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2765–2768, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Khal 07a] Y. M. A. Khalifa, B. K. Khan, J. Begovic, A. Wisdom, and A. M. Wheeler. "Evolutionary music composer integrating formal grammar". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2519–2526, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Khal 07b] Y. M. Khalifa, B. K. Khan, and F. Taha. "Multi-objective optimization tool for a free structure analog circuits design using genetic algorithms and incorporating parasitics". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2527–2534, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Khan 07] G. M. Khan, J. F. Miller, and D. M. Halliday. "A developmental model of neural computation using cartesian genetic programming". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2535– 2542, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Khor 07] S. Khor. "On solving hierarchical problems with top down control". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2543–2548, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Khos 07] A. Khosla. "Particle swarm optimization for fuzzy models". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3283– 3296, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Khou 07] M. Khoury, F. Guerin, and G. M. Coghill. "Learning dynamic models of compartment systems by combining symbolic regression with fuzzy vector envisionment". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2769–2776, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Kord 07] A. K. Kordon, G. F. Smits, and M. E. Kotanchek. "Industrial evolutionary computing". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3297–3322, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Kova 07] T. Kovacs and L. Bull. "Toward a better understanding of rule initialisation and deletion".
 In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2777–2780, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Kowa 07] C. A. Kowall and B. J. Krent. "A simulation of evolved autotrophic reproduction". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2781–2786, ACM Press, London, United Kingdom, 7-11 July 2007.

- [Koza 07] J. R. Koza. "Introduction to genetic programming". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3323– 3365, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Kuma 07] R. Kumar. "Evolutionary multiobjective combinatorial optimization". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3366–3390, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Lanz 07] P. L. Lanzi, S. Rocca, and S. Solari. "An approach to analyze the evolution of symbolic conditions in learning classifier systems". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2795–2800, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Le M 07] E. Le Martelot, P. J. Bentley, and R. B. Lotto. "A systemic computation platform for the modelling and analysis of processes with natural characteristics". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2809– 2816, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Li 07] X. Li and A. P. Engelbrecht. "Particle swarm optimization: an introduction and its recent developments". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3391–3414, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Lung 07] R. I. Lung and D. Dumitrescu. "A new collaborative evolutionary-swarm optimization technique". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2817–2820, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Mach 07] A. T. Machwe and I. C. Parmee. "Supporting free-form design using a component based representation: an overview". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2821–2824, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Malk 07] D. Malkin and R. B. Lotto. "Evolutionary benefits of evolvable component integration". In:
 T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2825–2830, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Mano 07] S. Manos, M. C. J. Large, and L. Poladian. "Evolutionary design of single-mode microstructured polymer optical fibres using an artificial embryogeny representation". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2549–2556, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Mars 07] J. A. R. Marshall, G. Brown, and T. Kovacs. "Bayesian estimation of rule accuracy in UCS". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2831–2834, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Mart 07] L. Martí, J. García, A. Berlanga, and J. M. Molina. "A cumulative evidential stopping criterion for multiobjective optimization evolutionary algorithms". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2835–2842, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Mend 07] A. Mendiburu, R. Santana, J. A. Lozano, and E. Bengoetxea. "A parallel framework for loopy belief propagation". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2843–2850, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Mere 07a] J. J. Merelo, A. M. García, J. L. J. Laredo, J. Lupión, and F. Tricas. "Browser-based distributed evolutionary computation: performance and scaling behavior". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2851–2858, ACM Press, London, United Kingdom, 7-11 July 2007.

- [Mere 07b] J. J. Merelo and J. L. J. Laredo. "Distributed evolutionary computation for fun and profit". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3251–3266, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Miik 07] R. Miikkulainen. "Evolving neural networks". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3415–3434, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Moor 07] J. H. Moore. "Bioinformatics". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3435–3457, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Mora 07] A. M. Mora, J. J. Merelo, J. L. Jiménez, P. A. Castillo, C. Millán, and J. Torrecillas. "Balancing safety and speed in the military path finding problem: analysis of different ACO algorithms". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2859–2864, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Mosh 07] A. Moshaiov and G. Avigad. "Concept-based multi-objective problems and their solution by EC". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2865–2868, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Munt 07] O. Muntean. "Genetically designed heuristics for the bin packing problem". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2869–2870, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Olag 07] G. Olague. "Evolutionary computer vision". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3458–3507, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Orri 07a] A. Orriols-Puig, E. Bernadó-Mansilla, K. Sastry, and D. E. Goldberg. "Substructrual surrogates for learning decomposable classification problems: implementation and first results". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2875–2882, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Orri 07b] A. Orriols-Puig, J. Casillas, and E. Bernadó-Mansilla. "Fuzzy-UCS: preliminary results". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2871–2874, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Pall 07] D. Pallez, P. Collard, T. Baccino, and L. Dumercy. "Eye-tracking evolutionary algorithm to minimize user fatigue in IEC applied to interactive one-max problem". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2883–2886, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Pang 07] W. Pang and G. M. Coghill. "Modified clonal selection algorithm for learning qualitative compartmental models of metabolic systems". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2887–2894, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Parm 07] I. C. Parmee. "Evolutionary design search, exploration and optimisation". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3508–3536, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Patt 07] R. M. Patton and T. E. Potok. "Discovering event evidence amid massive, dynamic datasets". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2895–2900, ACM Press, London, United Kingdom, 7-11 July 2007.

- [Payn 07] J. L. Payne and M. J. Eppstein. "Using pair approximations to predict takeover dynamics in spatially structured populations". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2557–2564, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Peli 07] M. Pelikan. "Probabilistic model-building genetic algorithms". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3537–3562, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Pete 07] M. R. Peterson, G. B. Lamont, F. Moore, and P. Marshall. "A satellite image set for the evolution of image transforms for defense applications". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2901–2906, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Pita 07] M. S. Pita and F. B. L. Neto. "Simulations of egoistic and altruistic behaviors using the vidya multiagent system platform". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2927–2932, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Poli 07a] R. Poli. "On the moments of the sampling distribution of particle swarm optimisers". In:
 T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2907–2914, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Poli 07b] R. Poli and W. B. Langdon. "Genetic programming theory". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3563– 3584, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Reis 07] G. Reis and F. Vega. "A novel approach to automatic music transcription using electronic synthesis and genetic algorithms". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2915–2922, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Rica 07] E. Ricalde and K. R. Vázquez. "A GP neutral function for the artificial ANT problem". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2565–2571, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Rich 07] N. Richard, S. Tardieu, and S. Yamada. "Cascaded generic XCS to learn about reminding preferences". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2923–2926, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Rowe 07] J. E. Rowe. "Genetic algorithm theory". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3585–3608, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Ryan 07] C. M. Ryan. "Grammatical evolution". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3609–3626, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Seka 07] L. Sekanina. "Evolvable hardware". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3627–3644, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Shac 07] M. R. N. Shackelford. "Implementation issues for an interactive evolutionary computation system". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2933–2936, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Shay 07] H. Shayani and P. J. Bentley. "A more bio-plausible approach to the evolutionary inference of finite state machines". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2937–2944, ACM Press, London, United Kingdom, 7-11 July 2007.

- [Shmy 07] A. Shmygelska. "An extremal optimization search method for the protein folding problem: the go-model example". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2572–2579, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Smit 07] R. E. Smith and M. K. Jiang. "MILCS: a mutual information learning classifier system". In:
 T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2945–2952, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Spec 07] L. Spector. "Quantum computing". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3645–3674, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Toma 07] M. Tomassini. "Evolutionary games: the Darwin connection". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3675–3689, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Vald 07a] J. J. Valdes and A. J. Barton. "Computational intelligence techniques: a study of scleroderma skin disease". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2580–2587, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Vald 07b] J. J. Valdes, R. Orchard, and A. J. Barton. "Exploring medical data using visual spaces with genetic programming and implicit functional mappings". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2953–2960, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Vann 07] L. Vanneschi and S. Verel. "Fitness landscapes and problem hardness in evolutionary computation". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3690–3733, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Vose 07] M. D. Vose and L. D. Whitley. "No free lunch". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3734– 3764, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Wine 07] M. Wineberg and S. Christensen. "An introduction to statistical analysis for evolutionary computation". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3765–3791, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Wolk 07] M. H. Wolk. "GAINS: genetic algorithms for increasing net sales of a mobile reverse demand communication system". In: T. Yu, Ed., *Genetic and Evolutionary Computation Conference (GECCO2007) workshop program*, pp. 2961–2964, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Wong 07] S. Y. B. Wong and S. Schulenburg. "Portfolio allocation using XCS experts in technical analysis, market conditions and options market". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2965–2972, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Yin 07] Z. Yin, A. Brabazon, and C. O'Sullivan. "Adaptive genetic programming for option pricing". In: P. A. N. Bosman, Ed., Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pp. 2588–2594, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Yu 07] T. Yu. "Program evolvability under environmental variations and neutrality". In: T. Yu, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pp. 2973–2978, ACM Press, London, United Kingdom, 7-11 July 2007.
- [Zitz 07] E. Zitzler and K. Deb. "Evolutionary multiobjective optimization". In: A. Ekart, Ed., Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pp. 3792–3809, ACM Press, London, United Kingdom, 7-11 July 2007.