

Список литературы

- [Affenzeller 07] Michael Affenzeller, Stefan Wagner & Stephan Winkler. *Aspects of adaptation in natural and artificial evolution*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2595–2602, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Babb 07] Brendan J. Babb. *Evolved transforms surpass the FBI wavelet for improved fingerprint compression and reconstruction*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2603–2606, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Bai 07] Zhanhua Bai & Qiang Lv. *A leader-based parallel cross entropy algorithm for MCP*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2401–2406, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Bartz-Beielstein 07] Thomas Bartz-Beielstein & Mike Preuss. *Experimental research in evolutionary computation*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3001–3020, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Becerra 07] Ricardo Landa Becerra & Carlos A. Coello Coello. *Epsilon-constraint with an efficient cultured differential evolution*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2787–2794, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Bel-Enguix 07] Gemma Bel-Enguix & M. Dolores Jimenez-Lopez. *Agent-environment interaction in a multi-agent system: a formal model*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2607–2612, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Bhattacharya 07] Maumita Bhattacharya. *Expensive optimization, uncertain environment: an EA-based solution*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2407–2414, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Binard 07] Franck Binard & Amy Felty. *An abstraction-based genetic programming system*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2415–2422, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Blackwell 07] Tim Blackwell & Daniel Bratton. *Origin of bursts*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2613–2620, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Borenstein 07] Yossi Borenstein. *An information perspective on evolutionary computation*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3021–3034, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Bratton 07] Daniel Bratton & Tim Blackwell. *Understanding particle swarms through simplification: a study of recombinant PSO*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2621–2628, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Brintrup 07] Alexandra Melike Brintrup & Hideyuki Takagi. *The effect of user interaction mechanisms in multi-objective IGA*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2629–2632, London, United Kingdom, 7-11 July 2007. ACM Press.

- [Browne 07] Will N. Browne & Charalambos Ioannides. *Investigating scaling of an abstracted LCS utilising ternary and s-expression alphabets*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2759–2764, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Brownlee 07] Alexander E. I. Brownlee, John A. W. McCall & Deryck F. Brown. *Solving the MAXSAT problem using a multivariate EDA based on Markov networks*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2423–2428, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Bull 07] Larry Bull. *On lookahead and latent learning in simple LCS*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2633–2636, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Butz 07] Martin V. Butz. *Learning classifier systems*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3035–3056, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Byrne 07] Emma L. Byrne. *Optimising the flow of experiments to a robot scientist with multi-objective evolutionary algorithms*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2429–2436, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Campbell 07] Adam Maurice Campbell & Annie S. Wu. *Learning and exploiting knowledge in multi-agent task allocation problems*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2637–2642, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Cetinkaya 07] Ahmet Cetinkaya. *Regular expression generation through grammatical evolution*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2643–2646, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Coello Coello 07] Carlos A Coello Coello. *Constraint-handling techniques used with evolutionary algorithms*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3057–3077, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Cook 07] Thomas E. Cook. *GAUGUIN: generating art using genetic algorithms and user input naturally*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2647–2650, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Correa 07] Elon S. Correa, Alex A. Freitas & Colin G. Johnson. *Particle swarm and bayesian networks applied to attribute selection for protein functional classification*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2651–2658, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Cotta 07] Carlos Cotta & Juan Julián Merelo-Guervós. *Complex networks and evolutionary computation*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3078–3092, London, United Kingdom, 7-11 July 2007. ACM Press.
- [de Boer 07] Folkert de Boer & Paulien Hogeweg. *The role of speciation in spatial coevolutionary function approximation*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2437–2441, London, United Kingdom, 7-11 July 2007. ACM Press.

- [de Jong 07a] Edwin D. de Jong, Kenneth O. Stanley & R. Paul Wiegand. *Introductory tutorial on coevolution*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3133–3157, London, United Kingdom, 7-11 July 2007. ACM Press.
- [De Jong 07b] Kenneth De Jong. *Evolutionary computation: a unified approach*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3158–3171, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Deb 07] Kalyanmoy Deb. *Evolutionary practical optimization*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3093–3132, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Di Chio 07] Cecilia Di Chio, Alberto Moraglio & Riccardo Poli. *Geometric particle swarm optimisation on binary and real spaces: from theory to practice*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2659–2666, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Diosan 07a] Laura Diosan & Mihai Oltean. *Observing the swarm behaviour during its evolutionary design*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2667–2674, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Diosan 07b] Laura Silvia Diosan & Mihai Oltean. *Evolving evolutionary algorithms using evolutionary algorithms*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2442–2449, London, United Kingdom, 7-11 July 2007. ACM Press.
- [DiPaola 07] Steve R. DiPaola & Liane Gabora. *Incorporating characteristics of human creativity into an evolutionary art algorithm*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2450–2456, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Drugowitsch 07] Jan Drugowitsch & Alwyn M. Barry. *A principled foundation for LCS*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2675–2680, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Dumas 07] Laurent Dumas & Linda El Alaoui. *How genetic algorithms can improve a pacemaker efficiency*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2681–2686, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Eiben 07] E. A. Eiben, M. Schoenauer, J. L. J. Laredo, P. A. Castillo, A. M. Mora & J. J. Merelo. *Exploring selection mechanisms for an agent-based distributed evolutionary algorithm*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2801–2808, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Ekárt 07] Anikó Ekárt. *Evolution of lace knitting stitch patterns by genetic programming*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2457–2461, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Ellabaan 07] Mostafa Mostafa Hashim Ellabaan. *Activation energy-based simulation for self-assembly of multi-shape tiles*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2462–2467, London, United Kingdom, 7-11 July 2007. ACM Press.

- [Ellin 07] Daniel M. Ellin & Stuart J. Flockton. *Analysing evolvable cell design for optimisation of routing options*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2687–2694, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Farley 07] Arthur M. Farley. *Choice and development*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2468–2474, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Ficici 07] Sevan G. Ficici & Anthony Bucci. *Advanced tutorial on coevolution*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3172–3204, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Gershoff 07] Matthew Gershoff & Sonia Schulenburg. *Collective behavior based hierarchical XCS*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2695–2700, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Goldbarg 07] Elizabeth F. G. Goldbarg, Marco C. Goldbarg & Ligia B. Bagi. *Transgenetic algorithm: a new evolutionary perspective for heuristics design*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2701–2708, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Goodman 07] Erik D. Goodman. *Introduction to genetic algorithms*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3205–3224, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Ha 07] JungWoo Ha, JaeHong Eom, SungChun Kim & Byoung Tak Zhang. *Evolutionary hypernetwork models for aptamer-based cardiovascular disease diagnosis*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2709–2716, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Haag 07] Charles R. Haag, Gary B. Lamont, Paul D. Williams & Gilbert L. Peterson. *An artificial immune system-inspired multiobjective evolutionary algorithm with application to the detection of distributed computer network intrusions*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2717–2724, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Hadjam 07] Fatima Zohra Hadjam, Claudio Moraga & Mohamed Benmohamed. *Cluster-based evolutionary design of digital circuits using all improved multi-expression programming*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2475–2482, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Harrington 07] Kyle Ira Harrington. *Predicting reactions from amino acid sequences in *S. cerevisiae*: an evolutionary computation approach*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2725–2728, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Harrison 07] Gregory Anthony Harrison & Eric W. Worden. *Genetically programmed learning classifier system description and results*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2729–2736, London, United Kingdom, 7-11 July 2007. ACM Press.

- [Hidalgo 07] J. Ignacio Hidalgo, Juan Lanchares, Francisco Fernandez de Vega & Daniel Lombra. *Is the island model fault tolerant?* In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2737–2744, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Hilder 07] James A. Hilder & Andy M. Tyrrell. *An evolutionary platform for developing next-generation electronic circuits.* In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2483–2488, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Holden 07] Nicholas Paul Holden & Alex A. Freitas. *A hybrid PSO/ACO algorithm for classification.* In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2745–2750, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Hosny 07] Manar I. Hosny & Christine L. Mumford. *Single vehicle pickup and delivery with time windows: made to measure genetic encoding and operators.* In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2489–2496, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Howard 07] David M. Howard, Andy M. Tyrrell & Crispin Cooper. *Evolution of adult male oral tract shapes for close and open vowels.* In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2751–2758, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Iclănzan 07] David Iclănzan. *Crossover: the divine afflatus in search.* In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2497–2502, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Janikow 07] Cezary Z. Janikow. *Evolving problem heuristics with on-line ACGP.* In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2503–2508, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Jansen 07] Thomas Jansen & Frank Neumann. *Computational complexity and evolutionary computation.* In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3225–3250, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Kanlikilicer 07] Alp Emre Kanlikilicer, Ali Keles & A. Sima Uyar. *Experimental analysis of binary differential evolution in dynamic environments.* In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2509–2514, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Kayani 07] Saheeb Ahmed Kayani & Muhammad Afzaal Malik. *Combining bond-graphs with genetic programming for unified/automated design of mechatronic or multi domain dynamic systems.* In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2515–2518, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Keles 07] Ali Keles. *Binary differential evolution for the unit commitment problem.* In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2765–2768, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Khalifa 07a] Yaser M. A. Khalifa, Badar K. Khan, Jasmin Begovic, Airrion Wisdom & Andrew Maxymillian Wheeler. *Evolutionary music composer integrating formal*

- grammar*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2519–2526, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Khalifa 07b] Yaser M.A. Khalifa, Badar K. Khan & Faisal Taha. *Multi-objective optimization tool for a free structure analog circuits design using genetic algorithms and incorporating parasitics*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2527–2534, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Khan 07] Gul Muhammad Khan, Julian F. Miller & David M. Halliday. *A developmental model of neural computation using cartesian genetic programming*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2535–2542, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Khor 07] Susan Khor. *On solving hierarchical problems with top down control*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2543–2548, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Khosla 07] Arun Khosla. *Particle swarm optimization for fuzzy models*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3283–3296, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Khoury 07] Mehdi Khoury, Frank Guerin & George M. Coghill. *Learning dynamic models of compartment systems by combining symbolic regression with fuzzy vector envisionment*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2769–2776, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Kordon 07] Arthur Karl Kordon, Guido F. Smits & Mark E. Kotanchek. *Industrial evolutionary computing*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3297–3322, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Kovacs 07] Tim Kovacs & Larry Bull. *Toward a better understanding of rule initialisation and deletion*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2777–2780, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Kowall 07] Correy A. Kowall & Brian J. Krent. *A simulation of evolved autotrophic reproduction*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2781–2786, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Koza 07] John R. Koza. *Introduction to genetic programming*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3323–3365, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Kumar 07] Rajeev Kumar. *Evolutionary multiobjective combinatorial optimization*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3366–3390, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Lanzi 07] Pier Luca Lanzi, Stefano Rocca & Stefania Solari. *An approach to analyze the evolution of symbolic conditions in learning classifier systems*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2795–2800, London, United Kingdom, 7-11 July 2007. ACM Press.

- [Le Martelot 07] Erwan Le Martelot, Peter J. Bentley & R. Beau Lotto. *A systemic computation platform for the modelling and analysis of processes with natural characteristics*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2809–2816, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Li 07] Xiaodong Li & Andries P. Engelbrecht. *Particle swarm optimization: an introduction and its recent developments*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3391–3414, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Lung 07] Rodica Ioana Lung & D. Dumitrescu. *A new collaborative evolutionary-swarm optimization technique*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2817–2820, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Machwe 07] A. T. Machwe & I. C. Parmee. *Supporting free-form design using a component based representation: an overview*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2821–2824, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Malkin 07] David Malkin & R. Beau Lotto. *Evolutionary benefits of evolvable component integration*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2825–2830, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Manos 07] Steven Manos, Maryanne C. J. Large & Leon Poladian. *Evolutionary design of single-mode microstructured polymer optical fibres using an artificial embryogeny representation*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2549–2556, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Marshall 07] James A. R. Marshall, Gavin Brown & Tim Kovacs. *Bayesian estimation of rule accuracy in UCS*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2831–2834, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Martí 07] Luis Martí, Jesús García, Antonio Berlanga & José Manuel Molina. *A cumulative evidential stopping criterion for multiobjective optimization evolutionary algorithms*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2835–2842, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Mendiburu 07] Alexander Mendiburu, Roberto Santana, Jose A. Lozano & Endika Bengoetxea. *A parallel framework for loopy belief propagation*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2843–2850, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Merelo 07a] J. J. Merelo, Antonio Mora García, Juan Luis Jiménez Laredo, Juan Lupión & Fernando Tricas. *Browser-based distributed evolutionary computation: performance and scaling behavior*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2851–2858, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Merelo 07b] J. J. Merelo & J. L. J. Laredo. *Distributed evolutionary computation for fun and profit*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3251–3266, London, United Kingdom, 7-11 July 2007. ACM Press.

- [Miikkulainen 07] Risto Miikkulainen. *Evolving neural networks*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3415–3434, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Moore 07] Jason H. Moore. *Bioinformatics*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3435–3457, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Mora 07] Antonio Miguel Mora, Juan Julián Merelo, Juan Luís Jiménez, Pedro A. Castillo, Cristian Millán & Juan Torrecillas. *Balancing safety and speed in the military path finding problem: analysis of different ACO algorithms*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2859–2864, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Moshaiov 07] Amiram Moshaiov & Gideon Avigad. *Concept-based multi-objective problems and their solution by EC*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2865–2868, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Muntean 07] Oana Muntean. *Genetically designed heuristics for the bin packing problem*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2869–2870, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Olague 07] Gustavo Olague. *Evolutionary computer vision*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3458–3507, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Orriols-Puig 07a] Albert Orriols-Puig, Ester Bernadó-Mansilla, Kumara Sastry & David E. Goldberg. *Substructural surrogates for learning decomposable classification problems: implementation and first results*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2875–2882, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Orriols-Puig 07b] Albert Orriols-Puig, Jorge Casillas & Ester Bernadó-Mansilla. *Fuzzy-UCS: preliminary results*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2871–2874, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Pallez 07] Denis Pallez, Philippe Collard, Thierry Baccino & Laurent Dumercy. *Eye-tracking evolutionary algorithm to minimize user fatigue in IEC applied to interactive one-max problem*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2883–2886, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Pang 07] Wei Pang & George M. Coghill. *Modified clonal selection algorithm for learning qualitative compartmental models of metabolic systems*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2887–2894, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Parmee 07] Ian C. Parmee. *Evolutionary design search, exploration and optimisation*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3508–3536, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Patton 07] Robert M. Patton & Thomas E. Potok. *Discovering event evidence amid massive, dynamic datasets*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2895–2900, London, United Kingdom, 7-11 July 2007. ACM Press.

- [Payne 07] Joshua L. Payne & Margaret J. Eppstein. *Using pair approximations to predict takeover dynamics in spatially structured populations*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2557–2564, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Pelikan 07] Martin Pelikan. *Probabilistic model-building genetic algorithms*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3537–3562, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Peterson 07] Michael R. Peterson, Gary B. Lamont, Frank Moore & Patrick Marshall. *A satellite image set for the evolution of image transforms for defense applications*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2901–2906, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Pita 07] Marcelo Souza Pita & Fernando Buarque Lima Neto. *Simulations of egoistic and altruistic behaviors using the vitya multiagent system platform*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2927–2932, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Poli 07a] Riccardo Poli. *On the moments of the sampling distribution of particle swarm optimisers*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2907–2914, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Poli 07b] Riccardo Poli & William B. Langdon. *Genetic programming theory*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3563–3584, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Reis 07] Gustavo Reis & Francisco Vega. *A novel approach to automatic music transcription using electronic synthesis and genetic algorithms*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2915–2922, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Ricalde 07] Esteban Ricalde & Katya Rodríguez Vázquez. *A GP neutral function for the artificial ANT problem*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2565–2571, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Richard 07] Nadine Richard, Samuel Tardieu & Seiji Yamada. *Cascaded generic XCS to learn about reminding preferences*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2923–2926, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Rowe 07] Jonathan E. Rowe. *Genetic algorithm theory*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3585–3608, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Ryan 07] Conor M. Ryan. *Grammatical evolution*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3609–3626, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Sekanina 07] Lukas Sekanina. *Evolvable hardware*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3627–3644, London, United Kingdom, 7-11 July 2007. ACM Press.

- [Shackelford 07] Mark R. N. Shackelford. *Implementation issues for an interactive evolutionary computation system*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2933–2936, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Shayani 07] Hooman Shayani & Peter J. Bentley. *A more bio-plausible approach to the evolutionary inference of finite state machines*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2937–2944, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Shmygelska 07] Alena Shmygelska. *An extremal optimization search method for the protein folding problem: the go-model example*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2572–2579, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Smith 07] R. E. Smith & Max Kun Jiang. *MILCS: a mutual information learning classifier system*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2945–2952, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Spector 07] Lee Spector. *Quantum computing*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3645–3674, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Tomassini 07] Marco Tomassini. *Evolutionary games: the Darwin connection*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3675–3689, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Valdes 07a] Julio J. Valdes & Alan J. Barton. *Computational intelligence techniques: a study of scleroderma skin disease*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO'2007), pages 2580–2587, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Valdes 07b] Julio J. Valdes, Robert Orchard & Alan J. Barton. *Exploring medical data using visual spaces with genetic programming and implicit functional mappings*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2953–2960, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Vanneschi 07] Leonardo Vanneschi & Sebastien Verel. *Fitness landscapes and problem hardness in evolutionary computation*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3690–3733, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Vose 07] Michael D. Vose & L. Darrell Whitley. *No free lunch*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3734–3764, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Wineberg 07] Mark Wineberg & Steffen Christensen. *An introduction to statistical analysis for evolutionary computation*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3765–3791, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Wolk 07] Michael Henry Wolk. *GAINS: genetic algorithms for increasing net sales of a mobile reverse demand communication system*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2961–2964, London, United Kingdom, 7-11 July 2007. ACM Press.

- [Wong 07] Sor Ying (Byron) Wong & Sonia Schulenburg. *Portfolio allocation using XCS experts in technical analysis, market conditions and options market*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2965–2972, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Yin 07] Zheng Yin, Anthony Brabazon & Conall O’Sullivan. *Adaptive genetic programming for option pricing*. In Peter A. N. Bosman, editeur, Late breaking paper at Genetic and Evolutionary Computation Conference (GECCO’2007), pages 2588–2594, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Yu 07] Tina Yu. *Program evolvability under environmental variations and neutrality*. In Tina Yu, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) workshop program, pages 2973–2978, London, United Kingdom, 7-11 July 2007. ACM Press.
- [Zitzler 07] Eckart Zitzler & Kalyanmoy Deb. *Evolutionary multiobjective optimization*. In Aniko Ekart, editeur, Genetic and Evolutionary Computation Conference (GECCO2007) tutorial presentations, pages 3792–3809, London, United Kingdom, 7-11 July 2007. ACM Press.