Список литературы

- [Arenas-Díaz et al.(2008) Arenas-Díaz, Ochoterena-Booth & Rodríguez-Vázquez] Arenas-Díaz, E.D., Ochoterena-Booth, H. & Rodríguez-Vázquez, K. (2008) Multiple sequence alignment using a glocsa guided genetic algorithm. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1795–1798, ACM, Atlanta, GA, USA.
- [Auger & Hansen(2008)] Auger, A. & Hansen, N. (2008) Evolution strategies and related estimation of distribution algorithms. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2727–2740, ACM, Atlanta, GA, USA.
- [Awais et al. (2008) Awais, Farooq & Javed] Awais, A., Farooq, M. & Javed, M.Y. (2008) Attack analysis & bio-inspired security framework for ipmultimedia subsystem. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2093–2098, ACM, Atlanta, GA, USA.
- [Azad & Ryan(2008)] Azad, R.M.A. & Ryan, C. (2008) Gecco 2008 grammatical evolution tutorial. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2339–2366, ACM, Atlanta, GA, USA.
- [Babb et al.(2008)Babb, Moore, Peterson & Lamont] Babb, B., Moore, F., Peterson, M. & Lamont, G. (2008) Evolving better satellite image compression and reconstruction transforms. GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1901–1906, ACM, Atlanta, GA, USA.
- [Bäck(2008)] Bäck, T. (2008) Evolution strategies: basic introduction. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2259–2276, ACM, Atlanta, GA, USA.
- [Bartz-Beielstein & Preuss(2008)] Bartz-Beielstein, T. & Preuss, M. (2008) Experimental research in evolutionary computation. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2517–2534, ACM, Atlanta, GA, USA.
- [Baughman(2008)] Baughman, A.K. (2008) Evolutionary facial feature selection. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2099–2104, ACM, Atlanta, GA, USA.
- [Bhattacharya(2008a)] Bhattacharya, M. (2008a) Handling uncertainty with a real-coded ea. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2111–2116, ACM, Atlanta, GA, USA.

- [Bhattacharya(2008b)] Bhattacharya, M. (2008b) Reduced computation for evolutionary optimization in noisy environment. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2117–2122, ACM, Atlanta, GA, USA.
- [Bhattacharya(2008c)] Bhattacharya, M. (2008c) A synergistic approach for evolutionary optimization. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2105–2110, ACM, Atlanta, GA, USA.
- [Blouza et al.(2008)Blouza, Dumas & M'Baye] Blouza, A., Dumas, L. & M'Baye, I. (2008) Multiobjective optimization of a stent in a fluid-structure context. GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2055–2060, ACM, Atlanta, GA, USA.
- [Borenstein(2008)] Borenstein, Y. (2008) An information perspective on evolutionary computation. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2689–2700, ACM, Atlanta, GA, USA.
- [Briza & Naval, Jr.(2008)] Briza, A.C. & Naval, Jr., P.C. (2008) Design of stock trading system for historical market data using multiobjective particle swarm optimization of technical indicators. GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1871–1878, ACM, Atlanta, GA, USA.
- [Butz(2008)] Butz, M.V. (2008) Learning classifier systems. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2367–2388, ACM, Atlanta, GA, USA.
- [Chen & Chen(2008)] Chen, J.H. & Chen, J.H. (2008) Multi-objective memetic approach for flexible process sequencing problems. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2123–2128, ACM, Atlanta, GA, USA.
- [Chira et al.(2008)Chira, Gog & Dumitrescu] Chira, C., Gog, A. & Dumitrescu, D. (2008) Exploring population geometry and multi-agent systems: a new approach to developing evolutionary techniques. GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECOMASS) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1953–1960, ACM, Atlanta, GA, USA.
- [Coello Coello (2008)] Coello Coello, C.A. (2008) Constraint-handling techniques used with evolutionary algorithms. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2445–2466, ACM, Atlanta, GA, USA.

- [Dasgupta et al.(2008)Dasgupta, Hernandez, Garrett, Vejandla, Kaushal, Yerneni & Simien]
 Dasgupta, D., Hernandez, G., Garrett, D., Vejandla, P.K., Kaushal, A., Yerneni, R. & Simien, J. (2008) A comparison of multiobjective evolutionary algorithms with informed initialization and kuhn-munkres algorithm for the sailor assignment problem. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2129-2134, ACM, Atlanta, GA, USA.
- [De Jong(2008)] De Jong, K. (2008) Evolutionary computation: a unified approach. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2245–2258, ACM, Atlanta, GA, USA.
- [De Pauw & De Baets(2008)] De Pauw, D.J.W. & De Baets, B. (2008) Incorporating model identifiability into equation discovery of ode systems. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2135–2140, ACM, Atlanta, GA, USA.
- [Deb(2008)] Deb, K. (2008) Evolutionary practical optimization. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2487–2516, ACM, Atlanta, GA, USA.
- [Enée & Peroumalnaïk(2008)] Enée, G. & Peroumalnaïk, M. (2008) Adapted pittsburgh classifier system: building accurate strategies in non markovian environments. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2001–2008, ACM, Atlanta, GA, USA.
- [Fernández-Blanco et al. (2008) Fernández-Blanco, Bodas-Sagi, Soltero & Hidalgo] Fernández-Blanco, P., Bodas-Sagi, D.J., Soltero, F.J. & Hidalgo, J.I. (2008) Technical market indicators optimization using evolutionary algorithms. GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1851–1858, ACM, Atlanta, GA, USA.
- [Francisco & dos Reis(2008a)] Francisco, T. & dos Reis, G.M.J. (2008a) Evolving combat algorithms to control space ships in a 2d space simulation game with co-evolution using genetic programming and decision trees. *GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC)* (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1887–1892, ACM, Atlanta, GA, USA.
- [Francisco & dos Reis(2008b)] Francisco, T. & dos Reis, G.M.J. (2008b) Evolving predator and prey behaviours with co-evolution using genetic programming and decision trees. GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1893–1900, ACM, Atlanta, GA, USA.

- [Franco et al.(2008)Franco, Martinez & Gorrin] Franco, M.A., Martinez, I.C. & Gorrin, C. (2008) Supply chain management sales using xcsr. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1993–2000, ACM, Atlanta, GA, USA.
- [Fries(2008)] Fries, T.P. (2008) A fuzzy-genetic approach to network intrusion detection. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2141–2146, ACM, Atlanta, GA, USA.
- [Goodman(2008)] Goodman, E.D. (2008) Introduction to genetic algorithms. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2277–2298, ACM, Atlanta, GA, USA.
- [Hassan(2008)] Hassan, G. (2008) Non-linear factor model for asset selection using multi objective genetic programming. GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1859–1862, ACM, Atlanta, GA, USA.
- [Hazell & Smith(2008)] Hazell, A. & Smith, S.L. (2008) Towards an objective assessment of alzheimer's disease: the application of a novel evolutionary algorithm in the analysis of figure copying tasks. GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2073–2080, ACM, Atlanta, GA, USA.
- [Howard & Bull(2008)] Howard, G.D. & Bull, L. (2008) On the effects of node duplication and connection-oriented constructivism in neural xcsf. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1977–1984, ACM, Atlanta, GA, USA.
- [Iclanzan & Dumitrescu(2008)] Iclanzan, D. & Dumitrescu, D. (2008) Towards memoryless model building. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2147–2152, ACM, Atlanta, GA, USA.
- [Imada & Ross(2008)] Imada, J.H. & Ross, B.J. (2008) Using feature-based fitness evaluation in symbolic regression with added noise. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2153-2158, ACM, Atlanta, GA, USA.
- [Jansen & Neumann(2008)] Jansen, T. & Neumann, F. (2008) Computational complexity and evolutionary computation. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2417–2444, ACM, Atlanta, GA, USA.

- [Jaskowski et al.(2008)] Jaskowski, Krawiec & Wieloch] Jaskowski, W., Krawiec, K. & Wieloch, B. (2008) Multi-task code reuse in genetic programming. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2159–2164, ACM, Atlanta, GA, USA.
- [Kayani(2008)] Kayani, S.A. (2008) Search for human competitive results in open ended automated synthesis of a primordial mechatronic system. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1827–1830, ACM, Atlanta, GA, USA.
- [Kayani & Malik(2008)] Kayani, S.A. & Malik, M.A. (2008) Bond-graphs + genetic programming: analysis of an automatically synthesized rotary mechanical system. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2165–2168, ACM, Atlanta, GA, USA.
- [Keijzer (2008)] Keijzer, M. (2008) Symbolic regression. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2895–2906, ACM, Atlanta, GA, USA.
- [Khan et al.(2008)Khan, Miller & Halliday] Khan, G.M., Miller, J.F. & Halliday, D.M. (2008) Developing neural structure of two agents that play checkers using cartesian genetic programming. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2169–2174, ACM, Atlanta, GA, USA.
- [Kim(2008)] Kim, J.W. (2008) How social structure and institutional order co-evolve beyond instrumental rationality. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1803–1806, ACM, Atlanta, GA, USA.
- [Korani(2008)] Korani, W.M. (2008) Bacterial foraging oriented by particle swarm optimization strategy for pid tuning. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1823–1826, ACM, Atlanta, GA, USA.
- [Koza(2008)] Koza, J.R. (2008) Introduction to genetic programming: tutorial. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2299–2338, ACM, Atlanta, GA, USA.
- [Krawiec & Polewski(2008)] Krawiec, K. & Polewski, P. (2008) Potential fitness for genetic programming. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2175–2180, ACM, Atlanta, GA, USA.

- [Kumar (2008)] Kumar, R. (2008) Evolutionary multiobjective combinatorial optimization (emco). GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2805–2828, ACM, Atlanta, GA, USA.
- [Lässig et al.(2008) Lässig, Hoffmann & Enachescu] Lässig, J., Hoffmann, K.H. & Enachescu, M. (2008) Threshold selecting: best possible probability distribution for crossover selection in genetic algorithms. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2181–2186, ACM, Atlanta, GA, USA.
- [Loiacono & Lanzi(2008)] Loiacono, D. & Lanzi, P.L. (2008) Recursive least squares and quadratic prediction in continuous multistep problems. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1985–1992, ACM, Atlanta, GA, USA.
- [Lu et al.(2008)Lu, Rughani, Tranmer & Bongard] Lu, Z., Rughani, A.I., Tranmer, B.I. & Bongard, J. (2008) Informative sampling for large unbalanced data sets. GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2047–2054, ACM, Atlanta, GA, USA.
- [Lung et al.(2008)Lung, Chira & Dumitrescu] Lung, R.I., Chira, C. & Dumitrescu, D. (2008) An agent-based collaborative evolutionary model for multimodal optimization. GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1969–1976, ACM, Atlanta, GA, USA.
- [Madureira et al.(2008)Madureira, Santos & Pereira] Madureira, A., Santos, F. & Pereira, I. (2008) Self-managing agents for dynamic scheduling in manufacturing. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2187– 2192, ACM, Atlanta, GA, USA.
- [Malagò et al.(2008)Malagò, Matteucci & Dal Seno] Malagò, L., Matteucci, M. & Dal Seno, B. (2008) An information geometry perspective on estimation of distribution algorithms: boundary analysis. GECCO-2008 Workshop: Optimization by Building and Using Probabilistic Models (OBUPM) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2081–2088, ACM, Atlanta, GA, USA.
- [Martínez & Jaffe(2008)] Martínez, I.C. & Jaffe, K. (2008) Comparing different modes of horizontal information transmission in stabilizing cooperation in different complex networks. GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1933–1938, ACM, Atlanta, GA, USA.
- [Merkle(2008a)] Merkle, L.D. (2008a) Automated network forensics. GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) (eds. M. Ebner, M. Cattolico, J. van Hemert,

- S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1929–1932, ACM, Atlanta, GA, USA.
- [Merkle(2008b)] Merkle, L.D. (2008b) Metaoptimization of the in-lining priority function for a compiler targeting a polymorphous computing architecture. GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1921–1928, ACM, Atlanta, GA, USA.
- [Miikkulainen & Stanley(2008)] Miikkulainen, R. & Stanley, K.O. (2008) Evolving neural networks. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2829–2848, ACM, Atlanta, GA, USA.
- [Miller & Harding(2008)] Miller, J.F. & Harding, S.L. (2008) Cartesian genetic programming. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2701–2726, ACM, Atlanta, GA, USA.
- [Montes de Oca & Stützle(2008)] Montes de Oca, M.A. & Stützle, T. (2008) Towards incremental social learning in optimization and multiagent systems. GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1939–1944, ACM, Atlanta, GA, USA.
- [Moore & Babb(2008)] Moore, F.W. & Babb, B. (2008) A differential evolution algorithm for optimizing signal compression and reconstruction transforms. GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1907–1912, ACM, Atlanta, GA, USA.
- [Nowak & Lamont(2008)] Nowak, D.J. & Lamont, G.B. (2008) Autonomous agent behavior generation using multiobjective evolutionary optimization. GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1961–1968, ACM, Atlanta, GA, USA.
- [Nowak et al.(2008)Nowak, Lamont & Peterson] Nowak, D.J., Lamont, G.B. & Peterson, G.L. (2008)
 Emergent architecture in self organized swarm systems for military applications. GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1913–1920, ACM, Atlanta, GA, USA.
- [Orriols-Puig et al.(2008)Orriols-Puig, Casillas & Bernadó-Mansilla] Orriols-Puig, A., Casillas, J. & Bernadó-Mansilla, E. (2008) First approach toward on-line evolution of association rules with learning classifier systems. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L.

- Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2031–2038, ACM, Atlanta, GA, USA.
- [Padhye(2008a)] Padhye, N. (2008a) Interplanetary trajectory optimization with swing-bys using evolutionary multi-objective optimization. GECCO-2008 Undergraduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1835–1838, ACM, Atlanta, GA, USA.
- [Padhye(2008b)] Padhye, N. (2008b) Topology optimization of compliant mechanism using multiobjective particle swarm optimization. GECCO-2008 Undergraduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1831–1834, ACM, Atlanta, GA, USA.
- [Paperin(2008)] Paperin, G. (2008) Using holey fitness landscapes to counteract premature convergence in evolutionary algorithms. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1815–1818, ACM, Atlanta, GA, USA.
- [Parmee(2008)] Parmee, I.C. (2008) Evolutionary design search, exploration and optimisation. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2777–2804, ACM, Atlanta, GA, USA.
- [Patton et al.(2008)Patton, Beckerman & Potok] Patton, R.M., Beckerman, B. & Potok, T.E. (2008)
 Analysis of mammography reports using maximum variation sampling. GECCO-2008 Workshop:
 MedGEC Medical Applications of Genetic and Evolutionary Computation (eds. M. Ebner,
 M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D.
 Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V.
 Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2061–2064, ACM,
 Atlanta, GA, USA.
- [Paul et al.(2008)Paul, Ueno, Iwata, Hayashi & Honda] Paul, T.K., Ueno, K., Iwata, K., Hayashi, T. & Honda, N. (2008) Risk prediction and risk factors identification from imbalanced data with rpmbga+. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2193–2198, ACM, Atlanta, GA, USA.
- [Payne & Eppstein(2008)] Payne, J.L. & Eppstein, M.J. (2008) Parameterizing pair approximations for takeover dynamics. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2199–2204, ACM, Atlanta, GA, USA.
- [Pelikan(2008)] Pelikan, M. (2008) Probabilistic model-building genetic algorithms. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2389– 2416, ACM, Atlanta, GA, USA.
- [Peralta et al.(2008)Peralta, Gutierrez & Sanchis] Peralta, J., Gutierrez, G. & Sanchis, A. (2008) Adann: automatic design of artificial neural networks. GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) (eds. M. Ebner,

- M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1863–1870, ACM, Atlanta, GA, USA.
- [Poli(2008)] Poli, R. (2008) Genetic programming theory. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2559–2588, ACM, Atlanta, GA, USA.
- [Ribeiro (2008)] Ribeiro, J.C.B. (2008) Search-based test case generation for object-oriented java software using strongly-typed genetic programming. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1819–1822, ACM, Atlanta, GA, USA.
- [Rodrigues Lima, Junior(2008)] Rodrigues Lima, Junior, A. (2008) A study for multi-objective fitness function for time series forecasting with intelligent techniques. GECCO-2008 Undergraduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1843–1846, ACM, Atlanta, GA, USA.
- [Rosenberg et al.(2008)Rosenberg, Richards, Langton, Tenenbaum & Stouch] Rosenberg, B., Richards, M., Langton, J.T., Tenenbaum, S. & Stouch, D.W. (2008) Applications of multi-objective evolutionary algorithms to air operations mission planning. GECCO-2008 Workshop: Defense Applications of Computational Intelligence (DAC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1879–1886, ACM, Atlanta, GA, USA.
- [Rothlauf(2008)] Rothlauf, F. (2008) Representations for evolutionary algorithms. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2613–2638, ACM, Atlanta, GA, USA.
- [Rowe(2008)] Rowe, J.E. (2008) Genetic algorithm theory. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2535–2558, ACM, Atlanta, GA, USA.
- [Salazar et al.(2008)Salazar, Rodriguez-Aguilar & Arcos] Salazar, N., Rodriguez-Aguilar, J.A. & Arcos, J.L. (2008) Infection-based self-configuration in agent societies. GECCO-2008 Workshop: Evolutionary Computation and Multi-Agent Systems and Simulation (ECoMASS) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1945–1952, ACM, Atlanta, GA, USA.
- [Santana-Quintero & Coello Coello(2008)] Santana-Quintero, L.V. & Coello Coello, C.A. (2008) Accelerating convergence using rough sets theory for multi-objective optimization problems. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1799–1802, ACM, Atlanta, GA, USA.

- [Sato et al.(2008)Sato, Aguirre & Tanaka] Sato, H., Aguirre, H.E. & Tanaka, K. (2008) Local dominance and controlling dominance area of solutions in multi and many objectives eas. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1811–1814, ACM, Atlanta, GA, USA.
- [Sewell & Yan(2008)] Sewell, M.V. & Yan, W. (2008) Ultra high frequency financial data. GECCO-2008 Workshop: Advanced Research Challenges in Financial Evolutionary Computing (ARC-FEC) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1847–1850, ACM, Atlanta, GA, USA.
- [Shirakawa & Nagao(2008)] Shirakawa, S. & Nagao, T. (2008) Evolutionary algorithm considering program size: efficient program evolution using grape. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2217–2222, ACM, Atlanta, GA, USA.
- [Sichtig et al.(2008)Sichtig, Schaffer & Laramee] Sichtig, H., Schaffer, J.D. & Laramee, C.B. (2008) Ssnns -: a suite of tools to explore spiking neural networks. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1787– 1790, ACM, Atlanta, GA, USA.
- [Sipper(2008)] Sipper, M. (2008) Evolutionary computation & games. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2741–2776, ACM, Atlanta, GA, USA.
- [Small(2008)] Small, R.K. (2008) Agent smith: a real-time game-playing agent for interactive dynamic games. GECCO-2008 Undergraduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1839–1842, ACM, Atlanta, GA, USA.
- [Spector(2008)] Spector, L. (2008) Quantum computing. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2865–2894, ACM, Atlanta, GA, USA.
- [Squillero(2008)] Squillero, G. (2008) Ea-based test and verification of microprocessors. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2665– 2688, ACM, Atlanta, GA, USA.
- [Squillero & Tonda(2008)] Squillero, G. & Tonda, A.P. (2008) A novel methodology for diversity preservation in evolutionary algorithms. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2223–2226, ACM, Atlanta, GA, USA.

- [Stalph & Butz(2008)] Stalph, P. & Butz, M.V. (2008) Towards increasing learning speed and robustness of xcsf: experimenting with larger offspring set sizes. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2023–2030, ACM, Atlanta, GA, USA.
- [Stanley(2008)] Stanley, K.O. (2008) Generative and developmental systems. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2849–2864, ACM, Atlanta, GA, USA.
- [Sullivan et al.(2008)Sullivan, Luke, Larock, Cier & Armentrout] Sullivan, K., Luke, S., Larock, C., Cier, S. & Armentrout, S. (2008) Opportunistic evolution: efficient evolutionary computation on large-scale computational grids. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2227–2232, ACM, Atlanta, GA, USA.
- [Tabacman et al.(2008)Tabacman, Krasnogor, Bacardit & Loiseau] Tabacman, M., Krasnogor, N., Bacardit, J. & Loiseau, I. (2008) Learning classifier systems for optimisation problems: a case study on fractal travelling salesman problem. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2039–2046, ACM, Atlanta, GA, USA.
- [Talukder (2008)] Talukder, A.K.A. (2008) Towards high speed multiobjective evolutionary optimizers. GECCO-2008 Graduate Student Workshops (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1791–1794, ACM, Atlanta, GA, USA.
- [Thierens(2008)] Thierens, D. (2008) A bivariate probabilistic model-building genetic algorithm for graph bipartitioning. GECCO-2008 Workshop: Optimization by Building and Using Probabilistic Models (OBUPM) (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2089–2092, ACM, Atlanta, GA, USA.
- [Tran et al.(2008)Tran, Sanza & Duthen] Tran, T.H., Sanza, C. & Duthen, Y. (2008) Evolving prediction weights using evolution strategy. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2009–2016, ACM, Atlanta, GA, USA.
- [Vallim et al.(2008) Vallim, Goldberg, Llorà, Duque & Carvalho] Vallim, R.M., Goldberg, D.E., Llorà, X., Duque, T.S. & Carvalho, A.C. (2008) A new approach for multi-label classification based on default hierarchies and organizational learning. GECCO-2008 Workshop: Learning Classifier Systems (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2017–2022, ACM, Atlanta, GA, USA.
- [van Krevelen(2008)] van Krevelen, D.W.F. (2008) Specialization with neuroevolution in a collective behaviour task. *GECCO-2008 Graduate Student Workshops* (eds. M. Ebner, M. Cattolico, J. van

- Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 1807–1810, ACM, Atlanta, GA, USA.
- [Whitley(2008)] Whitley, D. (2008) No free lunch. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2589–2612, ACM, Atlanta, GA, USA.
- [Wilson & Kaur(2008)] Wilson, D. & Kaur, D. (2008) Using quotient graphs to model neutrality in evolutionary search. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2233–2238, ACM, Atlanta, GA, USA.
- [Wineberg & Christensen(2008)] Wineberg, M. & Christensen, S. (2008) An introduction to statistical analysis for evolutionary computation. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2639–2664, ACM, Atlanta, GA, USA.
- [Witt(2008)] Witt, C. (2008) Theory of randomised search heuristics in combinatorial optimisation: an algorithmic point of view. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2907–2946, ACM, Atlanta, GA, USA.
- [Yu et al.(2008)Yu, Zhou, Ye, Mabu, Shimada, Hirasawa & Markon] Yu, L., Zhou, J., Ye, F., Mabu, S., Shimada, K., Hirasawa, K. & Markon, S. (2008) Double-deck elevator system using genetic network programming with genetic operators based on pheromone information. GECCO-2008 Late-Breaking Papers (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2239–2244, ACM, Atlanta, GA, USA.
- [Zaharie et al.(2008)Zaharie, Lungeanu & Zamfirache] Zaharie, D., Lungeanu, D. & Zamfirache, F. (2008) Interactive search of rules in medical data using multiobjective evolutionary algorithms. GECCO-2008 Workshop: MedGEC Medical Applications of Genetic and Evolutionary Computation (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2065–2072, ACM, Atlanta, GA, USA.
- [Zitzler & Deb(2008)] Zitzler, E. & Deb, K. (2008) Evolutionary multiobjective optimization. GECCO-2008 tutorials (eds. M. Ebner, M. Cattolico, J. van Hemert, S. Gustafson, L.D. Merkle, F.W. Moore, C.B. Congdon, C.D. Clack, F.W. Moore, W. Rand, S.G. Ficici, R. Riolo, J. Bacardit, E. Bernado-Mansilla, M.V. Butz, S.L. Smith, S. Cagnoni, M. Hauschild, M. Pelikan & K. Sastry), pp. 2467–2486, ACM, Atlanta, GA, USA.