Список литературы

[ADT11] Antonia Azzini, Mauro Dragoni, and Andrea G.B. Tettamanzi, *Using evolutionary neural networks to test the influence of the choice of numeraire on financial time series modeling*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 81–90.

[ARLVRGPSP11] Álvaro Rubio-Largo, Miguel A. Vega-Rodríguez, Juan A. Gómez-Pulido, and Juan M. Sánchez-Pérez, *A multiobjective gravitational search algorithm applied to the static routing and wavelength assignment problem*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 41–50.

[AST11] Shahriar Asta and Sanem Sariel-Talay, *Nature-inspired optimization for biped robot locomotion and gait planning*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 426–435.

[BcU11] Argun Berberoglu and A. Şima Uyar, *Experimental comparison of selection hyper-heuristics for the short-term electrical power generation scheduling problem*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 436–445.

[BFH+11] Jonathan Byrne, Michael Fenton, Erik Hemberg, James McDermott, Michael O'Neill, Elizabeth Shotton, and Ciaran Nally, *Combining structural analysis and multi-objective criteria for evolutionary architectural design*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 200–209.

[BY11] Batuhan Bozkurt and Kamer Ali Yuksel, *Parallel evolutionary optimization of digital sound synthesis parameters*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 190–199.

[CCM11]   Riccardo Castagna, Alessandro Chiolerio, and Valentina Margaria, *Music translation of tertiary protein structure: Auditory patterns of the protein folding*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 210–216.

[CCR11]   Simon Colton, Michael Cook, and Azalea Raad, *Ludic considerations of tablet-based evo-art*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 217–226.

[D'A11]   Fabio D'Andreagiovanni, *On improving the capacity of solving large-scale wireless network design problems by genetic algorithms*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 11–20.

[DBD+11]   Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar (eds.), *Applications of evolutionary computing, evoapplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, LNCS, vol. 6625, Turin, Italy, Springer Verlag, 27-29 April 2011.

[dE11]   E. den Heijer and A.E. Eiben, *Evolving art using multiple aesthetic measures*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 227–236.

[DFW11]   Rolf Drechsler, Alexander Finder, and Robert Wille, *Improving ESOP-based synthesis of reversible logic using evolutionary algorithms*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 151–160.

[DGM11]   Duc-Cuong Dang, Rym Nesrine Guibadj, and Aziz Moukrim, *A PSO-based memetic algorithm for the team orienteering problem*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto

Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 463–472.

[DLD11]   Tom De Smedt, Ludivine Lechat, and Walter Daelemans, *Generative art inspired by nature, using NodeBox*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 257–265.

[DPP⁺11]   Stefano Di Carlo, Gianfranco Politano, Paolo Prinetto, Alessandro Savino, and Alberto Scionti, *Genetic defect based march test generation for SRAM*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 141–150.

[DS11]   Patrick Donnelly and John Sheppard, *Evolving four-part harmony using genetic algorithms*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 266–275.

[dSLP11]   Lia Susana d.C. Silva-Lopez and Jonatan Gomez Perdomo, *Data-centered scheduling for addressing performance metrics on WSN*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 71–80.

[DSZZ11]   Roberto De Prisco, Paolo Sabatino, Gianluca Zaccagnino, and Rocco Zaccagnino, *A customizable recognizer for orchestral conducting gestures based on neural networks*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 247–256.

[DZZ11]   Roberto De Prisco, Gianluca Zaccagnino, and Rocco Zaccagnino, *A genetic algorithm for dodecaphonic compositions*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 237–246.

[EcUY11]   Fatma Corut Ergin, A. Şima Uyar, and Aysegul Yayimli, *Investigation of hyper-heuristics for designing survivable virtual topologies in optical WDM networks*,

Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 1–10.

[EP11]   Arne Eigenfeldt and Phillipe Pasquier, *A sonic eco-system of self-organising musical agents*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 276–285.

[ESC11]   Aniko Ekart, Divya Sharma, and Stayko Chalakov, *Modelling human preference in evolutionary art*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 296–305.

[ESLP11]   Jonathan Eisenmann, Benjamin Schroeder, Matthew Lewis, and Rick Parent, *Creating choreography with interactive evolutionary algorithms*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 286–295.

[FHRS11]   Rui Fang, Zequn Huang, Louis Rossi, and Chien-Chung Shen, *Dynamic routing exponent strategies for ant-based protocols*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 21–30.

[For11]   José Fornari, *Path of patches: Implementing an evolutionary soundscape art installation*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 316–325.

[FR11]   Robert Flack and Brian Ross, *Evolution of architectural floor plans*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto

Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 306–315.

[GPTD+11]   Elisabeth Gussmagg-Pfliegl, Fabien Tricoire, Karl F. Doerner, Richard F. Hartl, and Stefan Irnich, *Heuristics for a real-world mail delivery problem*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 473–482.

[KCT11]   Michael Kampouridis, Shu-Heng Chen, and Edward Tsang, *Market microstructure: Can dinosaurs return? a self-organizing map approach under an evolutionary framework*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 91–100.

[KFKA11]   Gabriel Kronberger, Stefan Fink, Michael Kommenda, and Michael Affenzeller, *Macro-economic time series modeling and interaction networks*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 101–110.

[KPEV11]   Maximos A. Kaliakatsos-Papakostas, Michael G. Epitropakis, and Michael N. Vrahatis, *Weighted markov chain model for musical composer identification*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 326–335.

[LTD+11]   Eryk Laskowski, Marek Tudruj, Ivanoe De Falco, Umberto Scafuri, Ernesto Tarantino, and Richard Olejnik, *Extremal optimization applied to task scheduling of distributed java programs*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 61–70.

[MLv11]   Liraz Mor, Chao Liu, and Sebastian von Mammen, *Interactive biomimetic space: An interactive installation to explore living architecture*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 356–365.

[MM11]   James Kevin McCracken and John Matthias, *Neurogranular synthesis: Granular synthesis controlled by a pulse-coupled network of spiking neurons*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 346–355.

[NC11]   Miguel Nicolau and Dan Costelloe, *Using grammatical evolution to parameterise interactive 3D image generation*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 366–375.

[Ner11]   Filippo Neri, *Learning and predicting financial time series by combining natural computation and agent simulation*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 111–120.

[NGS11]   Volker Nissen, Maik Guenther, and Rene Schumann, *Integrated generation of working time models and staff schedules in workforce management*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 483–492.

[nRE11]   Hernán Kerlle nevich, Pablo Ernesto Riera, and Manuel Camilo Eguia, *Santiago - a real-time biological neural network environment for generative music creation*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 336–345.

[PC11]   Sanja Petrovic and Elkin Castro, *A genetic algorithm for radiotherapy pre-treatment scheduling*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 446–455.

[PH11]   Laurent Paquereau and Bjarne E. Helvik, *Ant-based multipath routing for wireless mesh networks*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler,

Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 31–40.

[Rey11]   Craig Reynolds, *Evolving textures from high level descriptions: Gray with an accent color*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 376–385.

[RMCO11]   Juan Romero, Penousal Machado, Adrian Carballal, and Olga Osorio, *Aesthetic classification and sorting based on image compression*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 386–395.

[RTC11]   Arpad Rimmel, Fabien Teytaud, and Tristan Cazenave, *Optimization of the nested Monte-Carlo algorithm on the traveling salesman problem with time windows*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 493–502.

[SST11]   Ernesto Sanchez, Giovanni Squillero, and Alberto Tonda, *Evolution of test programs exploiting a FSM processor model*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 161–170.

[SYC+11]   Reiji Suzuki, Souichiro Yamaguchi, Martin Cody, Charles Taylor, and Takaya Arita, *iSoundScape: adaptive walk on a fitness soundscape*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 396–405.

[TAOB11]   Clíodhna Tuite, Alexandros Agapitos, Michael O'Neill, and Anthony Brabazon, *A preliminary investigation of overfitting in evolutionary driven model induction: Implications for financial modelling*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino,

Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 121–130.

[Urb11]   Paulo Urbano, *The T. albipennis sand painting artists*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 406–415.

[Urq11]   Neil Urquhart, *Planning and optimising organisational travel plans using an evolutionary algorithm*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 456–462.

[Vou11]   Eirini Vouliouri, *Merging aesthetics with functionality: An interactive genetic algorithm based on the principle of weighted mutation*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 416–425.

[VP11]   Damir Vucina and Igor Pehnec, *Enhanced reverse engineering using genetic-algorithms-based experimental parallel workflow for optimum design*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 171–179.

[VTD11]   Vassilios Vassiliadis, Nikolaos Thomaidis, and George Dounias, *On the performance and convergence properties of hybrid intelligent schemes:application on portfolio optimization domain*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 131–140.

[WCY+11]   Huicong Wu, Jie Chu, Liang Yuan, Qiang Zhao, and Shanghe Liu, *Fault-tolerance simulation of brushless motor control circuits*, Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 180–189.

[XQ11]   Huanlai Xing and Rong Qu, *A population based incremental learning for delay constrained network coding resource minimization*, Applications of

Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG (Turin, Italy) (Cecilia Di Chio, Anthony Brabazon, Gianni Di Caro, Rolf Drechsler, Marc Ebner, Muddassar Farooq, Joern Grahl, Gary Greenfield, Christian Prins, Juan Romero, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Neil Urquhart, and A. Sima Uyar, eds.), LNCS, vol. 6625, Springer Verlag, 27-29 April 2011, pp. 51–60.