Список литературы

- [Álvaro Rubio-Largo et al.(2011)Álvaro Rubio-Largo, Vega-Rodríguez, Gómez-Pulido, and Sánchez-Pérez] 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. In 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, volume 6625 of LNCS, pp. 41–50 (Springer Verlag, Turin, Italy, 2011).
- [Asta and Sariel-Talay(2011)] Shahriar Asta and Sanem Sariel-Talay. Nature-inspired Optimization for Biped Robot Locomotion and Gait Planning. In 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, volume 6625 of LNCS, pp. 426–435 (Springer Verlag, Turin, Italy, 2011).
- [Azzini et al.(2011)Azzini, Dragoni, and Tettamanzi] 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. In 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, volume 6625 of LNCS, pp. 81–90 (Springer Verlag, Turin, Italy, 2011).
- [Berberoglu and Şima Uyar(2011)] Argun Berberoglu and A. Şima Uyar. Experimental Comparison of Selection Hyper-Heuristics for the Short-Term Electrical Power Generation Scheduling Problem. In 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, volume 6625 of LNCS, pp. 436–445 (Springer Verlag, Turin, Italy, 2011).
- [Bozkurt and Yuksel(2011)] Batuhan Bozkurt and Kamer Ali Yuksel. Parallel Evolutionary Optimization of Digital Sound Synthesis Parameters. In 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, volume 6625 of LNCS, pp. 190–199 (Springer Verlag, Turin, Italy, 2011).
- [Byrne et al.(2011)Byrne, Fenton, Hemberg, McDermott, O'Neill, Shotton, and Nally] 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. In 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, volume 6625 of LNCS, pp. 200–209 (Springer Verlag, Turin, Italy, 2011).
- [Castagna et al.(2011)Castagna, Chiolerio, and Margaria] Riccardo Castagna, Alessandro Chiolerio, and Valentina Margaria. *Music Translation of Tertiary Protein Structure: Auditory Patterns of the Protein Folding*. In 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, volume 6625 of LNCS, pp. 210–216 (Springer Verlag, Turin, Italy, 2011).
- [Colton et al.(2011)Colton, Cook, and Raad] Simon Colton, Michael Cook, and Azalea Raad. Ludic Considerations of Tablet-Based Evo-Art. In 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, volume 6625 of LNCS, pp. 217–226 (Springer Verlag, Turin, Italy, 2011).
- [D'Andreagiovanni(2011)] Fabio D'Andreagiovanni. On Improving the Capacity of Solving Large-scale Wireless Network Design Problems by Genetic Algorithms. In 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, volume 6625 of LNCS, pp. 11–20 (Springer Verlag, Turin, Italy, 2011).
- [Dang et al.(2011)Dang, Guibadj, and Moukrim] Duc-Cuong Dang, Rym Nesrine Guibadj, and Aziz Moukrim. A PSO-based Memetic Algorithm for the Team Orienteering Problem. In 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, volume 6625 of LNCS, pp. 463–472 (Springer Verlag, Turin, Italy, 2011).
- [d.C. Silva-Lopez and Perdomo(2011)] Lia Susana d.C. Silva-Lopez and Jonatan Gomez Perdomo. Data-Centered Scheduling for Addressing Performance Metrics on WSN. In 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, volume 6625 of LNCS, pp. 71–80 (Springer Verlag, Turin, Italy, 2011).
- [De Prisco et al.(2011a)De Prisco, Sabatino, Zaccagnino, and Zaccagnino] Roberto De Prisco, Paolo Sabatino, Gianluca Zaccagnino, and Rocco Zaccagnino. A Customizable Recognizer for Orchestral Conducting Gestures based on Neural Networks. In 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, volume 6625 of LNCS, pp. 247–256 (Springer Verlag, Turin, Italy, 2011a).
- [De Prisco et al.(2011b)De Prisco, Zaccagnino, and Zaccagnino] Roberto De Prisco, Gianluca Zaccagnino, and Rocco Zaccagnino. A Genetic Algorithm for Dodecaphonic Compositions. In 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, volume 6625 of LNCS, pp. 237–246 (Springer Verlag, Turin, Italy, 2011b).
- [De Smedt et al.(2011)De Smedt, Lechat, and Daelemans] Tom De Smedt, Ludivine Lechat, and Walter Daelemans. Generative art inspired by nature, using NodeBox. In 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, volume 6625 of LNCS, pp. 257–265 (Springer Verlag, Turin, Italy, 2011).
- [den Heijer and Eiben(2011)] E. den Heijer and A.E. Eiben. Evolving Art using multiple Aesthetic Measures. In 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, volume 6625 of LNCS, pp. 227–236 (Springer Verlag, Turin, Italy, 2011).
- [Di Carlo et al.(2011)Di Carlo, Politano, Prinetto, Savino, and Scionti] Stefano Di Carlo, Gianfranco Politano, Paolo Prinetto, Alessandro Savino, and Alberto Scionti. Genetic Defect Based March Test Generation for SRAM. In 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, volume 6625 of LNCS, pp. 141–150 (Springer Verlag, Turin, Italy, 2011).
- [Di Chio et al.(2011)Di Chio, Brabazon, Di Caro, Drechsler, Ebner, Farooq, Grahl, Greenfield, Prins, Romero, Squillero, 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, volume 6625 of LNCS (Springer Verlag, Turin, Italy, 2011).
- [Donnelly and Sheppard(2011)] Patrick Donnelly and John Sheppard. Evolving Four-Part Harmony Using Genetic Algorithms. In 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, volume 6625 of LNCS, pp. 266–275 (Springer Verlag, Turin, Italy, 2011).
- [Drechsler et al.(2011)Drechsler, Finder, and Wille] Rolf Drechsler, Alexander Finder, and Robert Wille. Improving ESOP-based Synthesis of Reversible Logic Using Evolutionary Algorithms. In 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, volume 6625 of LNCS, pp. 151–160 (Springer Verlag, Turin, Italy, 2011).
- [Eigenfeldt and Pasquier(2011)] Arne Eigenfeldt and Phillipe Pasquier. A Sonic Eco-system of Self-Organising Musical Agents. In 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, volume 6625 of LNCS, pp. 276–285 (Springer Verlag, Turin, Italy, 2011).
- [Eisenmann et al.(2011)Eisenmann, Schroeder, Lewis, and Parent] Jonathan Eisenmann, Benjamin Schroeder, Matthew Lewis, and Rick Parent. Creating Choreography with Interactive Evolutionary Algorithms. In 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, volume 6625 of LNCS, pp. 286–295 (Springer Verlag, Turin, Italy, 2011).
- [Ekart et al.(2011)Ekart, Sharma, and Chalakov] Aniko Ekart, Divya Sharma, and Stayko Chalakov. Modelling human preference in evolutionary art. In 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, volume 6625 of LNCS, pp. 296–305 (Springer Verlag, Turin, Italy, 2011).
- [Ergin et al.(2011)Ergin, Şima Uyar, and Yayimli] Fatma Corut Ergin, A. Şima Uyar, and Aysegul Yayimli. Investigation of Hyper-heuristics for Designing Survivable Virtual Topologies in Optical WDM Networks. In 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, volume 6625 of LNCS, pp. 1–10 (Springer Verlag, Turin, Italy, 2011).
- [Fang et al.(2011)Fang, Huang, Rossi, and Shen] Rui Fang, Zequn Huang, Louis Rossi, and Chien-Chung Shen. Dynamic Routing Exponent Strategies for Ant-based Protocols. In 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, volume 6625 of LNCS, pp. 21–30 (Springer Verlag, Turin, Italy, 2011).
- [Flack and Ross(2011)] Robert Flack and Brian Ross. Evolution of Architectural Floor Plans. In 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, volume 6625 of LNCS, pp. 306–315 (Springer Verlag, Turin, Italy, 2011).
- [Fornari(2011)] José Fornari. Path of Patches: Implementing an Evolutionary Soundscape Art Installation. In 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, volume 6625 of LNCS, pp. 316–325 (Springer Verlag, Turin, Italy, 2011).
- [Gussmagg-Pfliegl et al.(2011)Gussmagg-Pfliegl, Tricoire, Doerner, Hartl, and Irnich] Elisabeth Gussmagg-Pfliegl, Fabien Tricoire, Karl F. Doerner, Richard F. Hartl, and Stefan Irnich. Heuristics for a real-world mail delivery problem. In 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, volume 6625 of LNCS, pp. 473–482 (Springer Verlag, Turin, Italy, 2011).
- [Kaliakatsos-Papakostas et al.(2011)Kaliakatsos-Papakostas, Epitropakis, and Vrahatis] Maximos A. Kaliakatsos-Papakostas, Michael G. Epitropakis, and Michael N. Vrahatis. Weighted Markov Chain Model for Musical Composer Identification. In 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, volume 6625 of LNCS, pp. 326–335 (Springer Verlag, Turin, Italy, 2011).
- [Kampouridis et al.(2011)Kampouridis, Chen, and Tsang] Michael Kampouridis, Shu-Heng Chen, and Edward Tsang. Market Microstructure: Can Dinosaurs Return? A Self-Organizing Map Approach under an Evolutionary Framework. In 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, volume 6625 of LNCS, pp. 91–100 (Springer Verlag, Turin, Italy, 2011).
- [Kronberger et al.(2011)Kronberger, Fink, Kommenda, and Affenzeller] Gabriel Kronberger, Stefan Fink, Michael Kommenda, and Michael Affenzeller. *Macro-Economic Time Series Modeling and Interaction Networks*. In 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*, volume 6625 of *LNCS*, pp. 101–110 (Springer Verlag, Turin, Italy, 2011).
- [Laskowski et al.(2011)Laskowski, Tudruj, De Falco, Scafuri, Tarantino, and Olejnik] Eryk Laskowski, Marek Tudruj, Ivanoe De Falco, Umberto Scafuri, Ernesto Tarantino, and Richard Olejnik. Extremal Optimization Applied to Task Scheduling of Distributed Java Programs. In 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, volume 6625 of LNCS, pp. 61–70 (Springer Verlag, Turin, Italy, 2011).
- [McCracken and Matthias(2011)] James Kevin McCracken and John Matthias. Neurogranular Synthesis: Granular Synthesis Controlled by a Pulse-coupled Network of Spiking Neurons. In 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, volume 6625 of LNCS, pp. 346–355 (Springer Verlag, Turin, Italy, 2011).
- [Mor et al.(2011)Mor, Liu, and von Mammen] Liraz Mor, Chao Liu, and Sebastian von Mammen. Interactive Biomimetic Space: An Interactive Installation to Explore Living Architecture. In 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, volume 6625 of LNCS, pp. 356–365 (Springer Verlag, Turin, Italy, 2011).
- [Neri(2011)] Filippo Neri. Learning and Predicting Financial Time Series by Combining Natural Computation and Agent Simulation. In 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, volume 6625 of LNCS, pp. 111–120 (Springer Verlag, Turin, Italy, 2011).

- [nevich et al.(2011)nevich, Riera, and Eguia] Hernán Kerlle nevich, Pablo Ernesto Riera, and Manuel Camilo Eguia. SANTIAGO A Real-time Biological Neural Network Environment for Generative Music Creation. In 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, volume 6625 of LNCS, pp. 336–345 (Springer Verlag, Turin, Italy, 2011).
- [Nicolau and Costelloe(2011)] Miguel Nicolau and Dan Costelloe. Using Grammatical Evolution to Parameterise Interactive 3D Image Generation. In 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, volume 6625 of LNCS, pp. 366–375 (Springer Verlag, Turin, Italy, 2011).
- [Nissen et al.(2011)Nissen, Guenther, and Schumann] Volker Nissen, Maik Guenther, and Rene Schumann. Integrated Generation of Working Time Models and Staff Schedules in Workforce Management. In 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, volume 6625 of LNCS, pp. 483–492 (Springer Verlag, Turin, Italy, 2011).
- [Paquereau and Helvik(2011)] Laurent Paquereau and Bjarne E. Helvik. Ant-Based Multipath Routing for Wireless Mesh Networks. In 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, volume 6625 of LNCS, pp. 31–40 (Springer Verlag, Turin, Italy, 2011).
- [Petrovic and Castro(2011)] Sanja Petrovic and Elkin Castro. A Genetic Algorithm for Radiotherapy Pre-treatment Scheduling. In 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, volume 6625 of LNCS, pp. 446–455 (Springer Verlag, Turin, Italy, 2011).
- [Reynolds(2011)] Craig Reynolds. Evolving Textures from High Level Descriptions: Gray with an Accent Color. In 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, volume 6625 of LNCS, pp. 376–385 (Springer Verlag, Turin, Italy, 2011).
- [Rimmel et al.(2011)Rimmel, Teytaud, and Cazenave] Arpad Rimmel, Fabien Teytaud, and Tristan Cazenave. Optimization of the Nested Monte-Carlo Algorithm on the Traveling Salesman Problem with Time Windows. In 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, volume 6625 of LNCS, pp. 493—502 (Springer Verlag, Turin, Italy, 2011).

- [Romero et al.(2011)Romero, Machado, Carballal, and Osorio] Juan Romero, Penousal Machado, Adrian Carballal, and Olga Osorio. Aesthetic Classification and Sorting Based on Image Compression. In 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, volume 6625 of LNCS, pp. 386–395 (Springer Verlag, Turin, Italy, 2011).
- [Sanchez et al.(2011)Sanchez, Squillero, and Tonda] Ernesto Sanchez, Giovanni Squillero, and Alberto Tonda. Evolution of Test Programs Exploiting a FSM Processor Model. In 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, volume 6625 of LNCS, pp. 161–170 (Springer Verlag, Turin, Italy, 2011).
- [Suzuki et al.(2011)Suzuki, Yamaguchi, Cody, Taylor, and Arita] Reiji Suzuki, Souichiro Yamaguchi, Martin Cody, Charles Taylor, and Takaya Arita. *iSoundScape: Adaptive Walk on a Fitness Soundscape*. In 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*, volume 6625 of *LNCS*, pp. 396–405 (Springer Verlag, Turin, Italy, 2011).
- [Tuite et al.(2011)Tuite, Agapitos, O'Neill, and Brabazon] Clíodhna Tuite, Alexandros Agapitos, Michael O'Neill, and Anthony Brabazon. A Preliminary Investigation of Overfitting in Evolutionary Driven Model Induction: Implications for Financial Modelling. In 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, volume 6625 of LNCS, pp. 121–130 (Springer Verlag, Turin, Italy, 2011).
- [Urbano(2011)] Paulo Urbano. The T. albipennis Sand Painting Artists. In 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, volume 6625 of LNCS, pp. 406-415 (Springer Verlag, Turin, Italy, 2011).
- [Urquhart(2011)] Neil Urquhart. Planning and optimising organisational travel plans using an Evolutionary Algorithm. In 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, volume 6625 of LNCS, pp. 456– 462 (Springer Verlag, Turin, Italy, 2011).
- [Vassiliadis et al.(2011) Vassiliadis, Thomaidis, and Dounias] Vassilios Vassiliadis, Nikolaos Thomaidis, and George Dounias. On the Performance and Convergence Properties of Hybrid Intelligent Schemes: Application on Portfolio Optimization Domain. In 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, volume 6625 of LNCS, pp. 131–140 (Springer Verlag, Turin, Italy, 2011).

- [Vouliouri(2011)] Eirini Vouliouri. Merging Aesthetics with Functionality: An Interactive Genetic Algorithm Based on the Principle of Weighted Mutation. In 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, volume 6625 of LNCS, pp. 416–425 (Springer Verlag, Turin, Italy, 2011).
- [Vucina and Pehnec(2011)] Damir Vucina and Igor Pehnec. Enhanced Reverse Engineering using Genetic-Algorithms-based Experimental Parallel Workflow for Optimum Design. In 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, volume 6625 of LNCS, pp. 171–179 (Springer Verlag, Turin, Italy, 2011).
- [Wu et al.(2011)Wu, Chu, Yuan, Zhao, and Liu] Huicong Wu, Jie Chu, Liang Yuan, Qiang Zhao, and Shanghe Liu. Fault-Tolerance Simulation of Brushless Motor Control Circuits. In 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, volume 6625 of LNCS, pp. 180–189 (Springer Verlag, Turin, Italy, 2011).
- [Xing and Qu(2011)] Huanlai Xing and Rong Qu. A Population Based Incremental Learning for Delay Constrained Network Coding Resource Minimization. In 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, volume 6625 of LNCS, pp. 51–60 (Springer Verlag, Turin, Italy, 2011).