

Список литературы

- [1] C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, vol. 6625 of *LNCS*. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [2] F. C. Ergin, A. Şima Uyar, and A. Yayimli, “Investigation of hyper-heuristics for designing survivable virtual topologies in optical WDM networks,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 1–10. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [3] F. D’Andreagiovanni, “On improving the capacity of solving large-scale wireless network design problems by genetic algorithms,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 11–20. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [4] R. Fang, Z. Huang, L. Rossi, and C.-C. Shen, “Dynamic routing exponent strategies for ant-based protocols,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 21–30. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [5] L. Paquereau and B. E. Helvik, “Ant-based multipath routing for wireless mesh networks,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 31–40. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [6] Álvaro Rubio-Largo, M. A. Vega-Rodríguez, J. A. Gómez-Pulido, and J. M. Sánchez-Pérez, “A multiobjective gravitational search algorithm applied to the static routing and wavelength assignment problem,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 41–50. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [7] H. Xing and R. Qu, “A population based incremental learning for delay constrained network coding resource minimization,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 51–60. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [8] E. Laskowski, M. Tudruj, I. De Falco, U. Scafuri, E. Tarantino, and R. Olejnik, “Extremal optimization applied to task scheduling of distributed java programs,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 61–70. Springer Verlag, Turin, Italy, 27-29 april, 2011.

- [9] L. S. d.C. Silva-Lopez and J. G. Perdomo, "Data-centered scheduling for addressing performance metrics on WSN," in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 71–80. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [10] A. Azzini, M. Dragoni, and A. G. Tettamanzi, "Using evolutionary neural networks to test the influence of the choice of numeraire on financial time series modeling," in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 81–90. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [11] M. Kampouridis, S.-H. Chen, and E. Tsang, "Market microstructure: Can dinosaurs return? a self-organizing map approach under an evolutionary framework," in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 91–100. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [12] G. Kronberger, S. Fink, M. Kommenda, and M. Affenzeller, "Macro-economic time series modeling and interaction networks," in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 101–110. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [13] F. Neri, "Learning and predicting financial time series by combining natural computation and agent simulation," in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 111–120. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [14] C. Tuite, A. Agapitos, M. O'Neill, and A. Brabazon, "A preliminary investigation of overfitting in evolutionary driven model induction: Implications for financial modelling," in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 121–130. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [15] V. Vassiliadis, N. Thomaidis, and G. Dounias, "On the performance and convergence properties of hybrid intelligent schemes: application on portfolio optimization domain," in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 131–140. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [16] S. Di Carlo, G. Politano, P. Prinetto, A. Savino, and A. Scionti, "Genetic defect based march test generation for SRAM," in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 141–150. Springer Verlag, Turin, Italy, 27-29 april, 2011.

- [17] R. Drechsler, A. Finder, and R. Wille, “Improving ESOP-based synthesis of reversible logic using evolutionary algorithms,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 151–160. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [18] E. Sanchez, G. Squillero, and A. Tonda, “Evolution of test programs exploiting a FSM processor model,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 161–170. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [19] D. Vucina and I. Pehnec, “Enhanced reverse engineering using genetic-algorithms-based experimental parallel workflow for optimum design,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 171–179. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [20] H. Wu, J. Chu, L. Yuan, Q. Zhao, and S. Liu, “Fault-tolerance simulation of brushless motor control circuits,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 180–189. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [21] B. Bozkurt and K. A. Yuksel, “Parallel evolutionary optimization of digital sound synthesis parameters,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 190–199. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [22] J. Byrne, M. Fenton, E. Hemberg, J. McDermott, M. O’Neill, E. Shotton, and C. Nally, “Combining structural analysis and multi-objective criteria for evolutionary architectural design,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 200–209. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [23] R. Castagna, A. Chiolerio, and V. Margaria, “Music translation of tertiary protein structure: Auditory patterns of the protein folding,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 210–216. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [24] S. Colton, M. Cook, and A. Raad, “Ludic considerations of tablet-based evo-art,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 217–226. Springer Verlag, Turin, Italy, 27-29 april, 2011.

- [25] E. den Heijer and A. Eiben, “Evolving art using multiple aesthetic measures,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 227–236. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [26] R. De Prisco, G. Zaccagnino, and R. Zaccagnino, “A genetic algorithm for dodecaphonic compositions,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 237–246. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [27] R. De Prisco, P. Sabatino, G. Zaccagnino, and R. Zaccagnino, “A customizable recognizer for orchestral conducting gestures based on neural networks,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 247–256. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [28] T. De Smedt, L. Lechat, and W. Daelemans, “Generative art inspired by nature, using NodeBox,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 257–265. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [29] P. Donnelly and J. Sheppard, “Evolving four-part harmony using genetic algorithms,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 266–275. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [30] A. Eigenfeldt and P. Pasquier, “A sonic eco-system of self-organising musical agents,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 276–285. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [31] J. Eisenmann, B. Schroeder, M. Lewis, and R. Parent, “Creating choreography with interactive evolutionary algorithms,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 286–295. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [32] A. Ekart, D. Sharma, and S. Chalakov, “Modelling human preference in evolutionary art,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 296–305. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [33] R. Flack and B. Ross, “Evolution of architectural floor plans,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM*,

- EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 306–315. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [34] J. Fornari, “Path of patches: Implementing an evolutionary soundscape art installation,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 316–325. Springer Verlag, Turin, Italy, 27-29 april, 2011.
 - [35] M. A. Kaliakatsos-Papakostas, M. G. Epitropakis, and M. N. Vrahatis, “Weighted markov chain model for musical composer identification,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 326–335. Springer Verlag, Turin, Italy, 27-29 april, 2011.
 - [36] H. K. nevich, P. E. Riera, and M. C. Eguia, “Santiago - a real-time biological neural network environment for generative music creation,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 336–345. Springer Verlag, Turin, Italy, 27-29 april, 2011.
 - [37] J. K. McCracken and J. Matthias, “Neurogranular synthesis: Granular synthesis controlled by a pulse-coupled network of spiking neurons,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 346–355. Springer Verlag, Turin, Italy, 27-29 april, 2011.
 - [38] L. Mor, C. Liu, and S. von Mammen, “Interactive biomimetic space: An interactive installation to explore living architecture,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 356–365. Springer Verlag, Turin, Italy, 27-29 april, 2011.
 - [39] M. Nicolau and D. Costelloe, “Using grammatical evolution to parameterise interactive 3D image generation,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 366–375. Springer Verlag, Turin, Italy, 27-29 april, 2011.
 - [40] C. Reynolds, “Evolving textures from high level descriptions: Gray with an accent color,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 376–385. Springer Verlag, Turin, Italy, 27-29 april, 2011.
 - [41] J. Romero, P. Machado, A. Carballal, and O. Osorio, “Aesthetic classification and sorting based on image compression,” in *Applications of Evolutionary Computing, EvoApplications 2011:*

- EvoCOMNET*, *EvoFIN*, *EvoHOT*, *EvoMUSART*, *EvoSTIM*, *EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 386–395. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [42] R. Suzuki, S. Yamaguchi, M. Cody, C. Taylor, and T. Arita, “iSoundScape: adaptive walk on a fitness soundscape,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 396–405. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [43] P. Urbano, “The T. albipennis sand painting artists,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 406–415. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [44] E. Vouliouri, “Merging aesthetics with functionality: An interactive genetic algorithm based on the principle of weighted mutation,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 416–425. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [45] S. Asta and S. Sarel-Talay, “Nature-inspired optimization for biped robot locomotion and gait planning,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 426–435. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [46] A. Berberoglu and A. Şima Uyar, “Experimental comparison of selection hyper-heuristics for the short-term electrical power generation scheduling problem,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 436–445. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [47] S. Petrovic and E. Castro, “A genetic algorithm for radiotherapy pre-treatment scheduling,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 446–455. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [48] N. Urquhart, “Planning and optimising organisational travel plans using an evolutionary algorithm,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 456–462. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [49] D.-C. Dang, R. N. Guibadj, and A. Moukrim, “A PSO-based memetic algorithm for the team orienteering problem,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grahl, G. Greenfield, C. Prins,

- J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 463–472. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [50] E. Gussmagg-Pfieggl, F. Tricoire, K. F. Doerner, R. F. Hartl, and S. Irnich, “Heuristics for a real-world mail delivery problem,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 473–482. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [51] V. Nissen, M. Guenther, and R. Schumann, “Integrated generation of working time models and staff schedules in workforce management,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 483–492. Springer Verlag, Turin, Italy, 27-29 april, 2011.
- [52] A. Rimmel, F. Teytaud, and T. Cazenave, “Optimization of the nested Monte-Carlo algorithm on the traveling salesman problem with time windows,” in *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, C. Di Chio, A. Brabazon, G. Di Caro, R. Drechsler, M. Ebner, M. Farooq, J. Grah, G. Greenfield, C. Prins, J. Romero, G. Squillero, E. Tarantino, A. G. B. Tettamanzi, N. Urquhart, and A. S. Uyar, eds., vol. 6625 of *LNCS*, pp. 493–502. Springer Verlag, Turin, Italy, 27-29 april, 2011.