

Board No.	Poster Session 3 - Wednesday (10:50 - 16:20) - HSZ Foyer	Track
1	44 - Mathematical model of infiltrative tumour growth in heterogeneous tissue, Andrey Kolobov, Vladimir Gubernov, Andrey Polezhaev	Bioinspired Modelling
2	87 - Hierarchically evolvable components for complex systems: Biologically inspired algorithmic design, Peter Dittrich, Thomas Hinze, Bashar Ibrahim, Thorsten Lenser, Naoki Matsumaru	Bioinspired Modelling
3	219 - The evolution of complexity in a multi-level artificial chemistry, Ciaran Kelly, Barry McMullin, Darragh O'Brien, George G. Mitchell, Pietro Speroni di Fenizio	Bioinspired Modelling
4	220 - Analyzing the dynamics of spatially competing cell populations by using stochastic interacting particle systems, Anja Voss-Boehme	Bioinspired Modelling
5	232 - On emotional aspects and adaptiveness of CA pedestrian dynamics model, Ekaterina Kirik, Tat'yana Yurgel'yan, Dmitriy Krouglov	Bioinspired Modelling
6	cancelled ! - 252 - An individual-base model of cell-shape driven pattern formation in myxobacterial colonies, Jörn Starruß, Andreas Deutsch	Bioinspired Modelling
7	262 - Biological signal generation using self-replication of cellular automata : a model of 1/f noise generation, Hyungrae Kim	Bioinspired Modelling
8	300 - Emergent growth dynamics of cellular automata with cell duplication and -deletion, Thimo Rohlf	Bioinspired Modelling
9	311 - No emergence outside biology, Hugues Bersini, Christophe Philemotte	Bioinspired Modelling
10	335 - Obtaining optimization algorithms through an evolutionary complex system, Abraham Prieto, Richard J. Duro, Francisco Bellas	Bioinspired Modelling
11	336 - Evolutionary technology and phenotype plasticity: The FATINT system, George Kampis, Laszlo Gulyas	Bioinspired Modelling
12	13 - Iterative trapping of advected particles into a branched structure, Talita Vasconcelos, José Soares Andrade, Marcel Filoche, Bernard Sapoval	Complex Systems Methods
13	33 - Interaction of small magnetic fields with a Belousov-Zhabotinsky bulk reaction, Wolfgang Hanke, Kerstin Dolzmann, Stephan Kaltenbach, Vera Maura Fernandes de Lima	Others / CSM
14	38 - Complex networks in spatially structured genetic algorithms: A robotic perspective, Andrea Gasparri, Stefano Panzieri, Federica Pascucci	Complex Systems Methods
15	45 - Stabilization of prey-predator populations due to noise and spatial distribution, Nadav Shnerb, Rafael Abta, marcelo schiffer	Complex Systems Methods
16	51 - Chaotic saddles in spatiotemporal complex systems, Abraham Chian, Rodrigo Miranda, Erico Rempel	Complex Systems Methods
17	64 - Different limits of morphogen concentration instability in fractional Brusselator model, Bohdan Datsko, Vasyl Gafiychuk, Vitaliy Meleshko	Complex Systems Methods
18	65 - Chaotic transients in nonlinear three-wave interactions in space plasmas, Rodrigo Miranda, Abraham Chian, Erico Rempel	Complex Systems Methods
19	85 - The epistemological implications of complexity: The necessity to reactivate an old discussion, Alvaro Malaina	Others / CSM
20	97 - Dynamics of a stochastic asset pricing model with interacting agents, Serena Brianzoni, Roy Cerqueti, Elisabetta Michetti	Complex Systems Methods
21	107 - An intelligent distributed genetic algorithm for the capacitated arc routing problem, Belkhelladi Kamel, Chauvet Pierre, Réveillère Franck, Schaal Arnaud	Complex Systems Methods
22	125 - Emergence of a collective steady state and symmetry breaking in plexus of two and three identical cells, Rui Dilao	Complex Systems Methods
23	129 - Multi-competence adaptation: A unified view on multi-objective adaptation in artificial systems and multi-fitness adaptation in nature, Amiram Moshaiov	Complex Systems Methods
24	137 - Engineering the evaluation of clustering techniques, Daniel Delling, Marco Gaertler, Robert Görke, Zoran Nikoloski, Dorothea Wagner	Complex Systems Methods
25	145 - Engineering comparators for graph clusterings, Daniel Delling, Marco Gaertler, Robert Görke, Dorothea Wagner	Complex Systems Methods
26	166 - Global dynamics: A method to organise humanoid dynamics, Tomoyuki Yamamoto, Yasuo Kuniyoshi	Complex Systems Methods
27	168 - Development of intelligent SINS navigator based on ANFIS, Salam iasmaly, Thaha Taha	Complex Systems Methods
28	176 - An efficient stochastic method for the simulation of complex reaction networks, Baruch Barzel, Ofer Biham	Complex Systems Methods
29	177 - Speciation and the evolution of complex information processing, Folkert de Boer, Paulien Hogeweg	Others / CSM
30	186 - On the ubiquity of the second class Beta rank-size distribution, Germinal Cocho, Gerardo Garcia Naumis, Manuel Beltran del Rio	Complex Systems Methods
31	187 - Contributions of the modelling and the simulation for the comprehension of the space-time dynamics of an event related to the industrial risk., Gaillard David, Langlois Patrice, Propeck-zimmermann	Complex Systems Methods
32	198 - Application of non-linear time series analysis techniques to the Nordic spot electricity market data, Fernanda Strozzi, Eugenio Gutierrez, Carlo Noe, Tommaso Rossi, Massimiliano Serati, Jd	Complex Systems Methods
33	201 - Three types of undecomposabilities in complex systems, Takashi Hashimoto	Complex Systems Methods
34	202 - Traveling waves in dispersively coupled oscillator chains, Karsten Ahnert	Complex Systems Methods
35	209 - Quantitative description of synchronization in electrical brain activity, Thomas Aschenbrenner, Wolfram Bunk, Stephan Springer	Complex Systems Methods
36	211 - SCA approach to micro-scale modelization of paradigmatic, Stefania Bandini, Mizar Federici, Sara Manzoni	Complex Systems Methods
37	212 - A hierarchical multi-agent system for studying complex stellar dynamics : application on "The Mice", Jean-Claude Torrel, Claude Lattaud, Jean-Claude Heudin	Complex Systems Methods
38	213 - A cellular automata model for assessing the runoff risk complexity, Douvinet Johnny, Gaillard David, Delahaye Daniel, Langlois Patrice	Complex Systems Methods
39	cancelled ! - 214 - Interactions in complex world: Synchronization and causality from time series, Milan Palus	Complex Systems Methods
40	216 - Accommodating the complexity of parameter setting in multi-level evolutionary systems, George Mitchell, James Decraene, Barry McMullin	Complex Systems Methods
41	217 - Studying complex adaptive systems using molecular classifier systems, James Decraene, George Mitchell, Barry McMullin	Complex Systems Methods
42	222 - Decongestion phenomena in urban networks, Ciro D'Apice, Rosanna Manzo, Benedetto Piccoli, Luigi Rarità	Complex Systems Methods
43	227 - Extensions to the weather scenario search algorithm, Vasily Marchenko, Rostislav Yavorskiy	Complex Systems Methods
44	233 - Measuring emergence using Kullback information, Pietro Speroni di Fenizio, Peter Dittrich	Complex Systems Methods
45	255 - Generalized structural kinetic modeling of biological networks, Thilo Gross, Ralf Steuer	Complex Systems Methods
46	271 - Multifractal regime transition in a modified minority game model, Antonio Crepaldi, Fernando Ferreira, Camilo Rodrigues Neto, Gerson Francisco	Complex Systems Methods
47	273 - Tsallis entropy in infinite ergodic system, Soya Shinkai, Kohei Nakajima, Yoji Aizawa	Complex Systems Methods
48	277 - Principles for a decentralized control of material flows in networks, Stefan L"{}mmer	Complex Systems Methods
49	283 - Nonequilibrium pattern formation in active Langmuir monolayers, Oliver Rudzick, Alexander S. Mikhailov	Complex Systems Methods
50	301 - Testing complexity measures on symbolic dynamics of coupled tent maps, Thomas Kahle, Jürgen Jost, Eckehard Olbrich, Sarika Jalan, Nihat Ay	Complex Systems Methods
51	306 - Complex embrace: Exploring complexity through art, Damian Gascoigne, Jeffrey Johnson	Complex Systems Methods