Board No.	Poster Session 1 - Monday (10:50 - 18:20) - HSZ Foyer	Track
1	25 - Cellular patterns in plants: A model of coupled gene regulatory networks, Mariana Benítez, Carlos Espinosa-Soto, Pablo Padilla-Longoria, José Díaz, Elena Alvarez-Buylla	Biological Systems
2	39 - Firewalls in atrial myocytes, Ruediger Thul, Martin D Bootman, Stephen Coombes	Biological Systems
3	47 - Key players in the ecological theatre: a network approach, Ferenc Jordan	Biological Systems
4	54 - Simple model of complex reflection behaviour in biological communities, Maria Senashova, Michael Sadovsky, Kristina Koursharova	Biological Systems
5	68 - Anticipating and recalling the periodic events in an amoeba, Tetsu Saigusa, Atsushi Tero, Toshiyuki Nakagaki	Biological Systems
6	73 - Condition for chemotactic aggregation, Masayo Inoue, Kunihiko Kaneko	Biological Systems
7	93 - 2/3-allometric scaling law in a two-dimmensional organism, Atsuko Takamatsu, Takuma Gomi	Biological Systems
53	101 - Modeling mitosis transition controls, Bashar Ibrahim, stephan Diekmann, Eberhard Schmitt, Peter Dittrich	Biological Systems
8	112 - How "evolved" is the standard genetic code? - A statistical analysis of survivability, Isil Aksan Kurnaz, Mehmet Levent Kurnaz	Biological Systems
9	114 - Mathematical modelling of DNA-replication, Anneke Bruemmer, Thomas Hoefer	Biological Systems
10	115 - Assessing causal intuitions in agent-based microbiological models, Zaiyi Guo, Joc Cing Tay	Biological Systems
11	135 - A stochastic model of the yeast cell cycle dynamics: noise control from heterogeneous process times, Stefan Braunewell, Brian Chapados, Sebastian Fallert, Chris Neugebauer	Biological Systems
12	136 - Evolving a selfish herd, Andrew Wood, Graeme Ackland	Biological Systems
13	146 - Synchronization in two-dimensional organism modeled with coupled maps on weighted trees, Yuki Kagawa, Masateru Ito, Atsuko Takamatsu	Biological Systems
14	148 - On the analysis of cellular genealogies, Ingmar Glauche, Ronny Lorenz, Ingo Roeder	Biological Systems
15	152 - Information transfer in calcium signal transduction, Juergen Pahle, Ursula Kummer	Biological Systems
16	154 - Self organized criticality in memory populations, Juan Guillermo Diaz Ochoa	Biological Systems
17	155 - Endocytosis and signaling, Perla Del Conte-Zerial, Lutz Brusch, Claudio Collinet, Jochen Rink, Yannis Kalaidzidis, Marino Zerial, Andreas Deutsch	Biological Systems
18	156 - Regime changes in competing floating-submerged plant ecosystems, Flora S. Bacelar, Jose Manuel Zaldivar-Comenges, Sybille Dueri, Emilio Hernandez-Garcia	Biological Systems
19	160 - Genetic similarity networks: Weak and strong links in populations and in metapopulations, Emilio Hernandez-Garcia, Alejandro F. Rozenfeld, Sophie Arnaud-Haond, Victor M. Eguiluz,	Biological Systems
20	173 - Mathematical model of atherosclerosis, Nader El Khatib, Stephane Genieys, Vitaly Volpert	Biological Systems
21	174 - Ventricular fibrillation in the human heart. Why is it different from fibrillation in the dog and pig heart?, Kirsten Tusscher	Biological Systems
22	193 - The evolutionary dynamics and consequences of the whole genome duplication in yeast., Milan van Hoek, Paulien Hogeweg	Biological Systems
23	179 - Universal scaling in phylogenetic branching, E. Alejandro Herrada, Claudio J. Tessone, Victor M. Eguiluz, Emilio Hernandez-Garcia, Carlos M. Duarte	Biological Systems
24	200 - Use of artificial evolution and game theory to study tumour invasion, David Basanta, Haralambos Hatzikirou, Andreas Deutsch	Biological Systems
25	203 - Translation into Petri nets of biological networks represented in MIN formalism, Anastasia Yartseva, Hanna Klaudel, Raymond Devillers, François Képès	Biological Systems
26	205 - Evolution and reliability of genetic networks, Stefan Braunewell, Stefan Bornholdt	Biological Systems
27	206 - Glycolytic oscillations in a layer of interacting cells, Jana Schuetze, Jana Wolf	Biological Systems
28	210 - Cellular automata as microscopic models of cell migration in heterogeneous environments, Haralambos Hatzikirou, Andreas Deutsch	Biological Systems
29	221 - Dynamic patterns and pattern transitions in the rhythmic contraction by true slime mould, Seiji Takagi, Tetsuo Ueda	Biological Systems
30	226 - Adressing the interplay of cellular behaviour and embryo macrostructure in vivo, Benoit Lombardot, Masatoshi Funabashi, Miguel Luengo Oroz, Emmanuel Faure, Nadine Peyriéras, Pa	Biological Systems
31	229 - A cellular automata model for venous neointimal hyperplasia, David Basanta, Paula Grajdeanu	Biological Systems
32	263 - Characterization of the complexity of glia dynamics in response to synaptic activity, Maurizio De Pittà, Vladislav Volman, Giovanni Pioggia, Danilo De Rossi, Herbert Levine, Eshel Ber	Biological Systems
33	266 - How to model cell adhesion?, Ramiro Magno, Verônica Grieneisen, Athanasius Marée	Biological Systems
34	274 - Evolution of complexity in RNA-like replicators, Nobuto Takeuchi, Paulien Hogeweg	Biological Systems
35	278 - Exploring topological modelling to discriminate models of Golgi apparatus, Mathieu Poudret, Jean-Paul Comet, Pascale Le Gall, François Képès, Agnès Arnould, Philippe Meseure	Biological Systems
36	292 - Modelling genetic regulation of growth and form in a branching sponge, Jaap Kaandorp, Yves Fomekong Nanfack, Marten Postma, Werner Mueller	Biological Systems
37	307 - Gene regulatory network controlling serial module formation along the apical–basal axis in the sponge Lubomirskia baicalensis, Werner E.G. Müller, Matthias Wiens, Anatoli Krasko, Se	Biological Systems
38	312 - Signaling in cancer evolution, Leonardo Oña-Bubach, Michael Lachmann	Biological Systems
39	314 - Modelling genetic regulation of morphogenesis in early development of sponges, Marten Postma, Carlos Tamulonis, Jaap Kaandorp	Biological Systems
40	317 - Single-species population behaviour in a changing environment, Ioana Bena, Michel Droz, Andrzej Pekalski, Janusz Szwabinski	Biological Systems
41	3 - Roots and emergence of cognition in evolution, Walter Riofrio	Cognition
42	61 - Smooth pursuit using coupled chaotic fields, Boris Duran, Giulio Sandini, Giorgio Metta	Cognition
43	81 - Crowd dynamics and ToM evolution, Francesco Zanlungo, Armando Bazzani, Bruno Giorgini, Sandro	Cognition
44	130 - The use of fractal dimension calculation algorithm to determine the nature of autobiographical memories distribution across the life span, Olga Mitina, Veronica Nourkova	Cognition
45	181 - Evolving social learning: studying the interface between self-organization and evolution in group foragers, Daniel van der Post, Bas Ursem, Paulien Hogeweg	Cognition
46	258 - Active machine learning for embryogenesis, Emmanuel Faure, Benoit Lombardot, Miguel Luengo Oroz, Matteo Campana, Nadine Peyriéras, René Doursat, Paul Bourgine	Cognition
47	267 - Dynamics of active tracking: A stroll accross attractor spaces, Mario Negrello, Frank Pasemann	Cognition
48	285 - Robot swarming in the Guardians project, Jacques Penders, Lyuba Alboul, Chris Roast, Enric Cervera	Cognition
49	59 - Dynamics of processing in computer systems, Dominik Strzalka, Franciszek Grabowski	Information Techn. Modelling
50	253 - Gaussian Process robust regression for noisy heart rate data, Oliver Stegle, Sebastian Fallert, David MacKay, Soren Brage	Information Techn. Modelling
51	284 - Vocabulary growth in collaborative tagging systems, Ciro Cattuto, Andrea Baldassarri, Vito Servedio, Vittorio Loreto	Information Techn. Modelling
52	340 - Genetic algorithms for controlling proportion of investment in periodic environments, J.- Emeterio Navarro	Information Techn. Modelling