1. Submissions list

COMPLEX_01:
"Concept of hands on training for spacecraft operations"
Christian D. Bodemann, Joachim Ochs, Carol Quirke, Roberto Palmari
Vega IT GmbH, Robert Bosch Str. 7, 64392 Darmstadt, Germany
christian.bodemann@vega.de
Referees: E. Babkin, C. Bertelle
Result:

COMPLEX_02:
"Holistic Metrics, a trial on interpreting complex systems"
J.Manuel Feliz-Teixeira, Antonio E.S. Carvalho Brito
Gein - section of Management and industrial Engineering, Faculty of Engineering of the University of Porto, Portugal
feliz@fe.up.pt
Referees: V. Ramos, D. Olivier
Result:

COMPLEX_03:
"Complexity of traffic interactions: improving behavioural intelligence in driving simulation scenarios"
A. Dumbuya(1), A. Booth(1), N. Reed(1), A. Kirkham(1), T. Philpott(1), Q. Zhao(2), R. Wood(2)
(1) TRL, Crowthorne house, Nine Mile Ride, wokingham, berkshire, RG40 3GA, England
(2) Loughborough University, Loughborough, Leicestershire, LE11 3TU, England
adumbuya@trl.co.uk
Referees: V. Ramos, A. Osmani
Result:

COMPLEX_04:
"Design and implementation of an instructional foundation fieldbus-based pilot plant (operation phase)"
Gholamreza Mohammadove, Karim Salahshoor
Automation & Instrumentation Department, Petrolum University of Technology, Tehran, Iran
aliove22@yahoo.com
Referees: V. Ramos, E. Babkin
Result:

COMPLEX_05:
"Optimization in packaging and real estate"
William C. Conley
University of Wisconsin at Green Bay, Green Bay, Wisconsin 54311, USA
conleyw@uwgb.edu
Referees: Z. Odibat, R. Wang
Result:

COMPLEX_06:
"Simulating dynamic begaviours in complex organisations: case study application of a well structured modelling approach"
M. Zhen, R.H. Weston
MSI Research Institute, Loughborough University, Loughborough, Leics, LE11 3TU, UK
R.H.Weston@lboro.ac.uk
Referees: B.L. Iantovics, H. Kadri-Dahmani
Result:

COMPLEX_07:
"An integrative simulation model for project management in chemical process engineering"
Bernhard Kausch, Nicole Schneider, Morten Grandt, Christopher Schlick
Chair and Institute of Industrial Engineering and ergonomics, RWTH Aachen University, D 52062, Aachen, Germany
B.Kausch@iaw.rwth-aachen.de
Referees: E. Babkin, R. Wang
Result:

COMPLEX_08:
"Multi objective optimization using ant colonies"
Feïza Ghezail(1,2), Henri Pierreval (1), Sonia Hajri-Gabouj (2)
(1) LIMOS, UMR CNRS 6158, IFMA, Campus des Cézeaux, BP 265, F-63175 Aubière Cedex, France
(2) URAII, INSAT, Centre urbain nord, BP 676, 1080 Tunis, Tunisia
Referees: D. Olivier, F. Guinand, S. Oqeili
Result:

COMPLEX_09:
"Application of homotopy perturbation method for ecosystems and epidemiology modelling"
Z. Odibat (1), C. Bertelle (2)
(1) Prince Abdullah Bin Ghazi Faculty of Science and IT, Al'Balqa'Applied University, Salt, Jordan
(2) LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
odibat@bau.edu.jo
Referees: M.A Aziz-Alaoui, G.H.E. Duchamp
Result:

COMPLEX_10:
"Self-organization in an artificial immune network system"
J. Franzolini, D. Olivier
LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
julien.franzolini778@univ-lehavre.fr
Referees: C. Bertelle, F. Guinand
Result:

COMPLEX_11:
"Pyocyanic bacillus propagation simulation"
Antoine Dutot, Pierre Magal, Damien Olivier, Guilerlm Savin
LITIS & LMAH, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
antoine.dutot@univ-lehavre.fr
Referees: C. Bertelle, F. Guinand
Result:

COMPLEX_12:
"Simulation of emotional processes in decision making"
Karim Mahboub
LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
Karim. Mahboub@gmail.com
Referees: G.H.E. Duchamp, M.A. Aziz-Alaoui
Result:

COMPLEX_13:
"Different goals in multiscale simulations and how to reach them"
Pierrick Tranouez, Antoine Dutot
LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
Pierrick.Tranouez@univ-lehavre.fr
Referees: G.H.E. Duchamp, F. Guinand
Result:

COMPLEX_14:
"Design of logistics processes methodology"
Alexandre Sousa, J.J. Borges Gouveia
Esan & Degei, University of Aveiro, Campus Santiago, 3810-193 Aveiro, Portugal
Alex.Sousa@aveiro-norte.ua.pt
Referees: H. Kadri-Dahmani, D. Olivier
Result:

COMPLEX_15:
"Complex systems dynamics in an economic model with mean field interactions"
Gianfranco Giulioni
Department of quantitative methods and economic theory, University "G.d'Annunzio" of Chieti-Pescara, Viale Pindaro 42, 65127 Pescara, Italy
g.giulioni@unich.it
Referees: C. Bertelle, H. Hadj-Kacem
Result:

COMPLEX_16:
"The evolution process of geographical data base within self-organized topological propagation area"
Hakima Kadri-Dahmani(1), Cyrille Bertelle(2), Gérard H.E. Duchamp(1), Aomar Osmani(1)
(1) LIPN, Paris XIII University, 99 avenue Jean-Baptiste Clément, 93430 Villataneuse, France
(2) LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
hkd@lipn.univ-paris13.fr
Referees: M. Cotsaftis, D. Olivier, S. Oqeili
Result:

COMPLEX_17:
"Self-organization simulation over geographical information system based on multi-agent platform"
Rawan Ghnemat(1), Cyrille Bertelle(1), Gérard H.E. Duchamp(2)
(1) LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
(2) LIPN, Paris XIII University, 99 avenue Jean-Baptiste Clément, 93430 Villataneuse, France
alrawan1@yahoo.com
Referees: M. Cotsaftis, M.A. Aziz-Alaoui
Result:

COMPLEX_18:
"Cliff collapse hazards spatio-temporal modelling through GIS: from parameters determination to multi-scale approach"
Anne Duperret(1), Cyrille Bertelle(2), Pierre Laville (3)
(1) EA 2255 LMPG, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
(2) EA 4051 LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
(3) BRGM, Maison de la Géologie, 77 rue Claude Bernard, 75005 Paris, France
anne.duperret@univ-lehavre.fr
Referees: M. Cotsaftis, M.A. Aziz-Alaoui, G.H.E. Duchamp
Result:

COMPLEX_19:
"Detection and reification of emerging systems in populations dynamic simulations using networks and genetic algorithm: a way to exploit Individual-Based Models"
Guillaume Prévost, Cyrille Bertelle
LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
guillaume.prevost@univ-lehavre.fr
Referees: Z. Odibat, B.L. Iantovics
result:

COMPLEX_20:
"Model and simulation engineering in the field of ecology using web and onyology and XML"
Guillaume Prévost, Cyrille Bertelle
LITIS, Le Havre University, 25 rue Ph. Lebon, BP 540, 76058 Le Havre cedex, France
guillaume.prevost@univ-lehavre.fr
Referees: A. Osmani, B.L. Iantovics
Result:

COMPLEX_21:
"Emotions: theoritical models and clinical implications"
Sophie Baudic(1), Gérard H.E. Duchamp(2)
(1) Inserm U 792, Physiopathologie et Pharmacologie Clinique de la Douleur, Hôpital Ambroise Paré, 9 av. Charles de Gaulle, 92104 Boulogne cedex, France
(2) LIPN, Paris XIII University, 99 avenue Jean-Baptiste Clément, 93430 Villataneuse, France
baudic@im3.inserm.fr
Referees: D. Olivier, C. Bertelle
Result:

2. Sessions Proposal

Session 1: Complex Systems Modelling Methodology
COMPLEX_02
COMPLEX_05
COMPLEX_06
COMPLEX_13

Session 2: GIS and Complexity
COMPLEX_16
COMPLEX_17
COMPLEX_18

Session 3: Collective Intelligence and Neuronal Learning
COMPLEX_08
COMPLEX_10
COMPLEX_11

Session 4: Cognitive Science Modelling
COMPLEX_12
COMPLEX_21

Session 5: Natural Ecosystems Modelling
COMPLEX_09
COMPLEX_19
COMPLEX_20

Session 6: Complexity and Production Systems
COMPLEX_04
COMPLEX_07
COMPLEX_14

Session 7: Complexity and Simulation
COMPLEX_01
COMPLEX_03
COMPLEX_15