



CCS'24 Exeter & London

Poster List

Sept.5 Posters starting at 17.00

- 1 Forecasting the Future of AI: A Patent Analysis Approach Using BERTopic and Time Series *Liu, Yingxuan**
- 2 ADAGE: A generic two-layer framework for adaptive agent based modelling *Evans, Benjamin Patrick*; Ardon, Leo; Zeng, Sihan; Ganesh, Sumitra*
- 3 The chess food web from human chess play data analytics *van Rijn, Kaj D; Tazelaar, Steven; Koornstra, Jelte; Bucur, Doina**
- 4 Non-strong community structure in collaborative research grant hypergraphs *Nakajima, Kazuki*; Uno, Takeaki*
- 5 Enhancing Compliance with Regulations on Cross-Border Data Transfer: A Study Based on Agent-Based Model *Zhang, Kunbei**
- 6 Reading Comprehension as Embodied Action: Exploratory Findings on Nonlinear Eye Movement Dynamics and Comprehension of Scientific Texts *Bammel, Moritz*; Sanches de Oliveira, Guilherme*
- 7 Activity of vehicles in the bus rapid transit system Metrobús in Mexico City *Martínez-González, Jaspe*; Pérez-Riascos, Alejandro*
- 8 Leveraging Frustration-Based Clustering Approaches to Identify Societal Fault Lines and Issue Alignment in Signed Networks of Online Interaction *Fraxanet Morales, Emma*; Pellert, Max; Garcia, David; Gómez, Vicenç; Schweighofer, Simon*
- 9 Visual and Textual Analysis of the Anti-Femicide Movement in Mexico: A Narrative Network Approach *Dozal, Laura W**
- 10 Scaling theory bridging local structure and global properties of fractal complex networks *Łepek, Michał*; Fronczak, Agata; Fronczak, Piotr*
- 11 Drivers of healthcare seeking behaviour: impact of the COVID-19 pandemic *Mesquita, Sara*; Perfeito, Lília ; Sa, Joana G*
- 12 The sentiment and structure of COVID-19 discourse on Belgian Reddit, and their implications for epidemiological forecasting *Van Wesemael, Tim*; Baetens, Jan; Rocha, Luis E C*
- 13 Discrete Markov chains embedded in C_{α} protein residue networks. Targeting catalytic sites in viral proteases *Olivares-Quiroz, Luis**
- 14 Co-evolution of Innovation and R&D Networks: Exploring The Impact of Immigrants *Xu, Yajie*; Barbos, Andrei*
- 15 Heart rate variability analysis reveals hierarchical influences on autonomic-like responses in crayfish during social interactions *Oliver-Domínguez, Iván*; García-Kroepfly, Aidee Lashmi; Osorio-Palacios, Mireya; Hernández-Falcón, Jesús; Mendoza-Ángeles, Karina*
- 16 Complexity of Technologies in Japanese Corporations *Karashima, Rintaro*; Inoue, Hiroyasu*
- 17 Mapping the distribution of seagrass meadows from space with deep convolutional neural networks *Giménez-Romero, Alex*; Ferchichi, Dhafer; Moreno-Spiegelberg, Pablo; Sintes, Tomas; Matías, Manuel A.*
- 18 Modeling urban sustainability using a spatial and game-based multiagent system *Socci, Vittoria*; Vitanza, Eleonora; Mocenni, Chiara*
- 19 Hegselmann-Krause opinion dynamics model with noise and/or weighted influence *Giaquinta, Chiara*; Chavalarias, David; Hernandez, Laura*
- 20 Deciphering public attention to geoengineering as emerging climate solutions using machine learning and time-series analysis *Debnath, Ramit*; Zhang, Pengyu; Qin, Tianzhu; Alvarez, R.Michael; Fitzgerald, Shaun*
- 21 A Structuralist Model of Communication in a Population *Kumar, Sagar*; Welles, Brooke*
- 22 Persistence and anti-persistence of heartbeat time series of exercising subjects evaluated with the Hurst exponent *Zamora-Justo, José A.; Muñoz-Diosdado, Alejandro**
- 23 An Agent-Based Model of Inter-Species Interactions in Agroforestry Systems *COMOLLI, LUIS R**
- 24 Topologically-induced suppression of explosive synchronization on graphs *Miranda, Manuel*; Frasca, Mattia; Estrada Roger, Ernesto*
- 25 Modelling the stock market as a co-evolving multilayer network *Giannakis, Nikolaos; Michaud, Jérôme**
- 26 Measuring Travel Time Variability And Its Spatial-Temporal Inequality Using Bus Open Data Service (BODS) *Chen, Zihao*; Botta, Federico*
- 27 Temporal clusters of opinion expressions in collective decision-making *Ito, Mariko**

28	Patterns in Temporal Networks with Higher-Order Egocentric Structures	<i>Arregui-García, Beatriz*; Longa, Antonio; Lotito, Quintino Francesco; Meloni, Sandro; Cencetti, Giulia</i>
29	JSN-HITS: Entropy-aided Clustering and Deep Neural Interpolation Framework for Multivariate Real Estate Time Series Forecasting	<i>Le, Anh Dat*; Rajasegarar, Sutharshan; Angelova, Maia</i>
30	Model of a true slime mould that goes backward gradient of attractant	<i>Tani, Iori*</i>
31	Change in the Chilean Electoral System: a Complex Systems Perspective	<i>Parra, Nicolás R. E.*; Ormazábal, Ignacio</i>
32	Detection of Higher Order Causality in Complex Systems	<i>Korenek, Jakub*</i>
33	Spatial segregation patterns and association with built environment features in Colombian cities	<i>Useche, Andres F*; Sarmiento, Olga L; Montes, Felipe; Alvarez, María; Medina, Pablo; Higuera, Diana</i>
34	Polarization in Social Systems: Dynamics of Quotes and Retweets Networks	<i>Boncoraglio, Fabrizio*; Gravino, Pietro</i>
35	Logging into the planetary labour market: Quantifying skill diversity on online labour platforms	<i>Ojanperä, Sanna*; O'Clery, Neave</i>
36	Emulation of non-experimental complex system using experimental chemical reactions	<i>Fernandes da Cunha, Éverton*</i>
37	Analysis of International Economic Integration based on a Computational Mathematical Model of Economic Complexity – Study Case: MERCOSUR	<i>González, Arturo R.*; González, Sanny; Pereira, Gabriel; von Lücker, Christian D; Blanco, Gerardo</i>
38	Self-organizing networks of unfriendly individuals	<i>Halupka, Konrad*</i>
39	Cascading Failures in the Banking Network - An Application of Complex Networks	<i>Rao, Liteshwar*; Cwilich, Gabriel</i>
40	Exploring the dynamics of multiple language coexistence in real networks	<i>Nunes, Renan O*; Dornelas, Vivian; Patriarca, Marco; Heinsalu, Els</i>
41	Assessing the vulnerability of interplanetary networks	<i>Bachmann, Ivana*; Fraire, Juan A.</i>
42	Simulation models for systems of cities and sustainable development goals	<i>Raimbault, Juste*; Pumain, Denise</i>
43	Tackling complexity through configurational approaches: A call for methodological creativity and mixed-methods approaches around the Complexigraphy method	<i>Teixeira de Melo, Ana*; Renault, Leticia</i>
44	Can we anticipate polarization scenarios in a parliament: Calibration challenges for agent-based models	<i>Galdames-Opazo, Walter; Millar-Sáez, Gerardo; Ormazábal, Ignacio*</i>
45	Nonlinear Dynamics during Text Movements: A Comparison of Eye Movements and Reading Times	<i>Tschense, Monika*</i>
46	The distribution of language populations in an Ising model for language evolution.	<i>Oliver, Ludo; Houghton, Conor J*</i>
47	Dynamical Properties of Random Boolean Hypernetworks	<i>Stoltz, Kevin M*; Joslyn, Cliff; Joslyn, Cliff</i>
48	A dynamical approach to the symptoms graph	<i>Caporossi, Iacopo*; Mocenni, Chiara; Vitanza, Eleonora</i>
49	The impact of homophily in adherence to anti-epidemic measures on the spread of infectious diseases in social networks	<i>Gubiec, Tomasz*; Bentkowski, Piotr</i>
50	Bridging the ICT Skills Gap through Complex Systems Education: Insights and Innovations from a Multinational Collaboration	<i>Tsouchnika, Maria*; Kanetidis, Michael; Argyrakis, Panos</i>
51	Estimation of corporate's effects on species resilience based on ecological processes	<i>Silva, André P.*; Rocha, Juan C</i>
52	Modelling hierarchical organisational structures - algebraic approach	<i>Pasztyła, Agnieszka*</i>
53	Characterization of Blink Interval Distributions Using the Fokker-Planck Equation	<i>Kinoshita, Shu-ichi*; Ikeda, Kota; Suzuki, Maiha</i>
54	Application of machine learning models for fruit yield prediction and estimation in orchards from Chilean central valley	<i>Altimiras, Francisco*</i>
55	Analyzing User Ideologies and Shared News During the 2019 Argentinian Elections	<i>del Pozo, Sofia M*; Pinto, Sebastián; Serafino, Matteo; Garcia, Lucio; Makse, Hernan; Balenzuela, Pablo</i>