ORAL SESSIONS

Paper ID	Paper Title	Author Names	Day	Session	Order	Topic
12	Quantifying talent space of nations based on global patterns of mobility	YANG, ALEX*	1	O1	1	Mobility
59	Shifts in Local and Global Mobility Networks in Mexico During the COVID-19 Pandemic	Diop, ISSA MOUSSA*; Cruz-Bonilla, Erika ; Wolff, Christian; Cherifi, Hocine; Hernández-Rc	1	O1	2	Mobility
60	Interregional network competition and dynamical systems	Lebacque, Jean-Patrick*	1	O1	3	Mobility
37	A model evaluating the quality of regional educational system	Tkachev, Daniil*; Aleskerov, Fuad; Delakhova, Anna; Derendyaev, Alexander; Chaika, Elen	1	O1	4	Mobility
			1			
25	A New Framework for Computationally Unbounded AI	Khudiyev, Ali*; Jeannin-Girardon, Anne	1	O2	1	Engineering systems & AI
58	CoA-Text2OWL: A Chain-of-Agents Framework for Ontology Learning	Ghanem, Hussam*; Jabbar, Samir; Cruz, Christophe	1	O2	2	Engineering systems & AI
38	Movie Genre Classification with Graph Convolutional Networks on Fully Connected Weighted Movie Networks	Lafhel, Majda*; El Hassouni, Mohammed; Cherifi, Hocine	1	O2	3	Engineering systems & AI
29	The Evolution of Korea's Statute Network	Namgoong, Minsang; Park, Dongju; Park, Tae Jung; Jon, WooJung; Park, Juyong*	1	O2	4	Engineering systems & AI
			1			
45	Household responses to temporary idiosyncratic income shocks in a macroeconomic agent-based model	Glazova, Alexandra*	1	O3	1	Economics & Finance
20	Integral B2B Debt Netting: Model and Static Algorithm	Guichon, Joannes*; Contassot-Vivier, Sylvain; Fatès, Nazim	1	O3	2	Economics & Finance
54	An agent-based approach as a neutral model to study transition towards circular economy	Huet, Sylvie*; Bernard, Stephan; Cazals, Clarisse; Mathias, Jean-Denis	1	O3	3	Economics & Finance
78	CORESO/COOLNET: new tools for COOperation in Large-scale NETworks	Falmagne, Guillaume*	1	O3	4	Economics & Finance
24	Homophilic effects on economic inequality: a dynamic network agent-based model	Kohlrausch, Gustavo; Dias, Thiago*; Gonçalves, Sebastián	1	O3	5	Economics & Finance
49	A closer look a the pairwise similarity based graphs and ways to capture relationships beyond pairs	Guven, Cicek*	2	O4	1	Emergent Patterns in Complex Systems
47	The entropy of collective motion patterns	Ariel, Gil*	2	O4	2	Emergent Patterns in Complex Systems
42	Cooperation guides evolution in a minimal model of biological evolution.	Houghton, Conor*	2	O4	3	Emergent Patterns in Complex Systems
16	Network Complexity For Whole-Brain Dynamics Estimated From fMRI Data	Gilson, Matthieu*; Zamora-Lopez, Gorka	2	O4	4	Emergent Patterns in Complex Systems
4	HEgo: A fast maximum clique detection algorithm by utilizing h-index and ego networks	Li, Ruiqi*	2	O5	1	Network Structure & Dynamics
51	Multi-Relational Community Detection in Social Platforms using Graph Neural Networks	Arhachoui, Nouamane*; Gauthier, Vincent; Giovanidis, Anastasios; Tabourier, Lionel	2	O5	2	Network Structure & Dynamics
32	DynBenchmark: Customizable Ground Truths to Benchmark Community Detection and Tracking in Temporal Networks	Brisson, Laurent*; Bothorel, Cécile; Duminy, Nicolas	2	O5	3	Network Structure & Dynamics
19	Quantum Networks seen as Complex Networks	Tomassini, Marco*	2	O5	4	Network Structure & Dynamics
56	A Master Equation for Power Laws	Roman, Sabin*; Bertolotti, Francesco	2	O5	5	Network Structure & Dynamics
57	Measuring Change in Group Composition and its Impact on Group Performance	Ghawi, Raji*	2	O6	1	Social complexity
31	Prestigious but less interdisciplinary: a network analysis on top-rated journals in medicine	Du, Anbang*; Head, Michael; Brede, Markus	2	O6	2	Social complexity
28	Evolution of Sample-Based Music Authorship Network	Park, Dongju; Park, Juyong*	2	O6	3	Social complexity
22	Network dynamics in heterosexual matching drive differential strategies in mate selection	Gelastopoulos , Alexandros *; Kehagias, Athanasios	2	O6	4	Social Complexity
43	Revisiting the citation networks from policy documents to science	Buarque, Bernardo*	2	O6	5	Social complexity
23	On the analysis of a new model of competing information spread on networks	Corsin, Julien*; Zino, Lorenzo; Ye, Mengbin	3	O7	1	Diffusion & Epidemics
26	From Random Perturbations to Localized Vulnerabilites	Zakroum, Anas*	3	O7	2	Diffusion & Epidemics
61	Reconstructing Alcohol Sales Distribution in Japanese Supermarkets with an Extended Random Multiplicative Process	Yamada, Kenta*; Nakama, Takuto	3	O7	3	Structure & Dynamics
53	Identifying Regional Issues Based on Pattern Clustering of Electoral Behavior and Social Media Commentary Activity: The Case o Shchegolev, Daniil*		3	O7	4	Structure & Dynamics
21	Self-driven criticality in a stochastic epidemic model	Ariel, Gil*	3	O7	5	Diffusion & Epidemics
35	Opinion Dynamics Optimization: Modeling Interest Shifts and Bots via the Voter Model	Shukla, Ashish*	3	O8	1	Social Complexity
46	Algorithmic Polarization in Social Opinions of Large Language Models	Li, Dai; Qiu, Huilian Sophie*; Li, Linzhuo	3	O8	2	Social Complexity
15	Intergroup violence	Bruggeman, Jeroen*	3	O8	3	Social Complexity
62	A Complex Systems Approach to Psychotherapy	Gabora, Liane*; Ganesh, Kirthana	3	O8	4	Social Complexity
41	Transformation of Global Science core-periphery structure towards a multi-polar horizon: The Rise of China and the Global South Montano Ramirez, Andrea*; Petersen, Alexander		3	O8	5	Social complexity
48	The Institutionalization of Money: Advancing Fundamental Institutional Theory Through Inverse Generative Social Science	Ferraciolli, Eduardo*	3	O8	6	Social complexity

POSTER SESSIONS

Paper ID	Paper Title	Author Names	Day	Session	Order	Topic
30	Framework for Speech-to-Text Extraction of Audio Literary Works and Word-Color Association Networks	Wang, Sungpil*; Park, Juyong	1	P1	1	Network Structure & Dynamics
44	A Comparative Study of Similarity- and Embedding-Based Link Prediction for Backbone Extraction in Complex Networks	Yassin, Ali*; Cherifi, Hocine; Seba, Hamida; Togni, Olivier	1	P1	2	Network Structure & Dynamics
69	Benchmarking Backbone Extraction Techniques on Synthetic Networks: A Comparative Study Across Degree, Strength, and Size	Yassin, Ali*; Cherifi, Hocine; Seba, Hamida; Togni, Olivier	1	P1	3	Network Structure & Dynamics
52	A bi-Scale filtering method for backbone extraction	HMAIDA, SANAA*; Cherifi, Hocine; El Hassouni, Mohammed	1	P1	4	Network Structure & Dynamics
36	Analysis of communicability and connectivity in Indian stock market during crisis	PAWANESH, PAWANESH*; Sharma, Charu; Sahni, Niteesh	1	P1	5	Network Structure & Dynamics
33	A Diffusion-Based Model for Assessing Information Quality	Lopes Temporao, Anthony*; Corentin, Vande Kerckhove; Abreu Araujo, Flavio; Temporao, N	1	P2	1	Foundations of complex systems
39	Integrating Combinatorial Complexes in Game Theory	Losic, Jelena*	1	P2	2	Foundations of complex systems
50	Universal Measure of Control in the Perception–Action Loop	Trendafilov, Dari*; Hiott, Andrea	1	P2	3	Foundations of complex systems
18	BANKRUPTCY ANALYSIS USING IMAGES AND CONVOLUTIONAL NEURAL NETWORKS (CNN)	Tavares, Luiz*; Mazzon, Jose; Paletta, Francisco; Barros, Fabio	1	P2	4	Foundations of complex systems
27	Methodological Foundations of Validation and Quality Assessment of Pattern Analysis Results	Myachin, Alexey*	1	P2	5	Foundations of complex systems