

PROGRAM AT A GLANCE - [COMPLEX NETWORKS 2024](#)

Day 1 - DECEMBER 10, 2024

8:15 - 09:15	Registration		
09:15 - 9:30	Opening		
9:30 - 10:15	Speaker 1: Luciano Pietronero – Economic Fitness: Concepts, Methods, and Applications		
10:15 - 10:55	L1: Structural Network Measures		
10:55 - 11:30	P1: A [1 - 8] Network Analysis - B [09 - 13] Dynamics on/of Networks [14 - 19] Human Behavior - C (Coffee Break)		
11:30 - 13:15	O1A: Community Structure	O1B: Machine Learning & Networks	O1C: Political Networks
13:15 - 14:30	Lunch		
14:30 - 16:00	O2A: Urban Systems	O2B: Network Analysis	O2C: Generative Network models
16:00 - 16:35	P2: A [1 - 8] Social Networks – B [09 -12] Link Analysis & Ranking – C [13 - 16] Dynamics on/of Networks (Coffee Break)		
16:35 - 17:20	Speaker 2: Tina Eliassi-Rad – Stability of Graph Machine Learning Models		
17:20 - 19:20	O3A: Dynamics on/of Networks	O3B: Network in Finance & Economics	O3C: Multilayer/Multiplex
19:20 - 19:30	Break		
19:30 - 21:30	Welcome Reception		

Day 2 – DECEMBER 11, 2024

8:30 - 09:30	Registration		
09:30 - 10:15	Speaker 3: Federico Battiston – Higher Order Network Science		
10:15 - 10:55	L2: Dynamics on/of Networks - Higher-Order Interactions		
10:55 - 11:30	P3: A [1 - 4] Urban Systems– B [5 - 9] Mobility and Networks – C [10 - 20] Higher-Order Interaction (Coffee Break)		
11:30 - 13:15	O4A: Information Spreading in Social Media	O4B: Diffusion & Epidemics	O4C: Community Structure
13:15 - 14:30	Lunch		
14:30 - 16:00	O5A: Opinion Dynamics	O5B: Network Analysis	O5C: Biological Networks
16:00 - 16:35	P4: A [1 - 7] Information Spreading in Social Media B [8 - 20] Machine Learning & Networks - (Coffee Break)		
16:35 - 17:20	Speaker 4: Filippo Menczer – AI and Social Media Manipulation: The Good, the Bad, and the Ugly		
17:20 - 19:20	O6A: Networks in Finance & Economics	O6B: Mobility & Networks	O6C: Networks Analysis
19:20 - 20:30	Break		
20:30 - 22:30	Dinner Banquet		

Day 3 - DECEMBER 12, 2024

8:30 - 09:30	Registration		
09:30 - 10:15	Speaker 5: Frank Emmert- Streib – From Digital Twins to Complexity Data Science		
10:15 - 10:55	L3: Machine Learning & Networks - Human Behavior		
10:55 - 11:30	P5: A [1 - 4] Biological Networks - B [05 - 13] Networks on Finance & Economics - C [14 - 20] Community Structure (Coffee Break)		
11:30 - 13:15	O7A: Structural Network Measures	O7B: Human Behavior	O7C: Brain Networks
13:15 - 14:30	Lunch		
14:30 - 16:00	O8A: Social Networks	O8B: Network Embedding	O8C: Network Analysis
16:00 - 16:30	Coffee Break		
16:30 - 18:00	O9A: Machine Learning & Networks	O9B: Higher-Order Interactions	O9C: Urban Systems
18:00 - 18:15	Closing		