

PROGRAM AT A GLANCE - COMPLEX NETWORKS 2021
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Day 1 - NOVEMBER 30, 2021

8:00 - 8:45	Registration		
8:45 - 9:00	Opening		
9:00 - 9:40	Speaker 1: Marc Barthélémy - Challenges in Spatial Networks		
9:40 - 10:40	L1: Biological Networks - Information Spreading in Social Media		
10:40 - 11:20	P1: A [1-11] Machine Learning & Networks – B [12-17] Earth Science Applications C [18-20] Controlling Networks - (Coffee Break)		
11:20 - 12:50	O1A: Diffusion & Epidemics	O1B: Networks Analysis	O1C: Networks in Finance & Economics
12:50 - 14:15	Lunch		
14:15 - 16:15	O2A: Network Models & Motifs	O2B: Human Behavior	O2C: Network Analysis & Measures
16:15 - 16:55	P2: A [1-11] Network Analysis & Measures – B [12-18] Network Medicine C [19-22] Networks in Finance & Economics - (Coffee Break)		
16:55 - 17:35	Speaker 2: Yizhou Sun - Graph-based Neural ODEs for Learning Dynamical Systems		
17:35 - 19:35	O3A: Dynamics on/of Networks	O3B: Structural Network Measures	O3C: Network Embedding
19:35 - 20:00	Presentation: Konstantina Topouridou – ERC's Funding Opportunities & Evaluation Process		

Day 2 - DECEMBER 01, 2021

8:30 - 9:00	Registration		
9:00 - 9:40	Speaker 3: João Gama - Mining Evolving Large-Scale Networks		
9:40 - 10:40	L2: Networks in Finance & Economics - Dynamics on/of Networks		
10:40 - 11:20	P3: A [1-12] Diffusion & Epidemics – B [13-19] Biological Networks – C [20-22] Motifs - (Coffee Break)		
11:20 - 12:50	O4A: Information Spreading in Social Media	O4B: Networks in Finance & Economics	O4C: Temporal Networks
12:50 - 14:15	Lunch		
14:15 - 16:15	O5A: Structural Network Measures	O5B: Diffusion & Epidemics	O5C: Resilience, Synchronization & Control
16:15 - 16:55	P4: A [1-9] Information Spreading in Social Media – B [10-15] Dynamics on/of Networks C [16-20] Structural Network Measures - (Coffee Break)		
16:55 - 17:35	Speaker 4: Alessandro Vespignani - Computational Epidemiology at the time of COVID-19		
17:35 - 19:35	O6A: Network Models	O6B: Human Behavior	O6C: Biological Networks
19:35 - 21:30	Cocktail		

Day 3 - DECEMBER 02, 2021

8:30 - 9:00	Registration		
9:00 - 9:40	Speaker 5: Ginestra Bianconi - Higher-order Networks and their Dynamics		
9:40 - 10:40	L3: Networks Analysis & Measures - Diffusion & Epidemics		
10:40 - 11:15	P5: A [1-9] Human Behavior – B [10-17] Networks Models – C [18-21] Community Structure – (Coffee Break)		
11:15 - 13:00	O7A: Network Geometry	O7B: Network Medicine	O7C: Urban Systems & Networks
13:00 - 14:15	Lunch		
14:15 - 15:45	O8A: Community Structure	O8B: Networks in Finance & Economics	O8C: Resilience, Synchronization & Control
15:45 - 16:20	P6 A- B-C (Coffee Break)		
16:20 - 17:00	Speaker 6: Dirk Helbing - How Networks Can Change Everything for Better or for Worse		
17:00 - 18:15	O9A: Diffusion & Epidemics	O9B: Information Spreading in Social Media -	O9C: Ecological Networks and Food Webs
18:15 - 18:30	Closing		