



Lab 1

	September 2	September 3	September 4	September 5	September 6
	Satellites	Satellites	Main Event	Main Event	Main Event
08:00	Registrations	Registrations	Registrations	Registrations	Registrations
08:45	Welcome (Auditorium)	Welcome (Auditorium)	Welcome (Auditorium)	Welcome (Auditorium)	Welcome (Auditorium)
09:00	Invited - Brooke Foucault Welles (Auditorium)	Invited - Richard Blythe (Auditorium)	Keynote - Sandy Pentland (Auditorium) - Sponsored by EPJ Data Science & Applied Network Science	Keynote - Andrea Bamberg Migliano (Auditorium)	Keynote - Fabiana Zollo (Auditorium)
09:15					
09:30					
09:45	MIXNEXT (Lab 1)	CRAB (Lab 1)	Keynote - Nina Fefferman (Auditorium)	Keynote - Gourab Ghoshal (Auditorium)	Keynote - Alain Barrat (Auditorium)
10:00					
10:15					
10:30					
10:45			Lightning 1 (Auditorium)	Lightning 2 (Auditorium)	Lightning 3 (Auditorium)
11:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:15					
11:30	MIXNEXT (Lab 1)	CRAB (Lab 1)	Modeling Climate Risks and Impacts (Lab 1)	Human Mobility 1 (Lab 1)	Complexity in Food Systems (Lab 1)
11:45					
12:00					
12:15					
12:30					
12:45					
13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:15					
13:30					
13:45					
14:00	Invited - Cynthia S. Q. Siew (Auditorium)	Invited - Luca Pappalardo (Auditorium)	Keynote - Tomaso Aste (Auditorium)	Keynote - Suzy Moat (Auditorium)	AWARD DISCUSSION (Auditorium)
14:15					
14:30					Keynote 9 - CCS SENIOR AWARD (Auditorium) Sponsored by Frontiers in Big Data & Frontiers in Complex Systems
14:45	EPINEXT (Lab 1)	EPINEXT (Lab 1)	Invited - Karoline Wiesner (Auditorium)	Invited - Giulio Cimini (Auditorium)	
15:00					
15:15					
15:30					
15:45			Team Dynamics and Collaboration (Lab 1)	Human Mobility 2 (Lab 1)	
16:00					
16:15	Coffee break	Coffee break	Coffee break	Coffee break	
16:30					
16:45	EPINEXT (Lab 1)	EPINEXT (Lab 1)	Team Dynamics and Collaboration (Lab 1)	Human Mobility 2 (Lab 1)	
17:00					
17:15					
17:30					
17:45			Demystifying publishing for Early Career Researchers (Auditorium) Sponsored by PLOS COMPLEX SYSTEMS	Poster Session & Cocktails Sponsored By JPhys COMPLEXITY (The Sanctuary)	
18:00					
18:15	yrCSS Panel (Auditorium)	yrCSS Panel (Auditorium)			
18:30					
18:45					
19:00					
19:15			Gala Dinner (Holland Hall)		
19:30					
19:45					

Sept.4 Modeling Climate Risks and Impacts

Lab 1

- 11:30 Firm-level supply chains to minimize unemployment and economic losses in rapid decarbonization scenarios *Stangl, Johannes**; *Borsos, András*; *Diem, Christian*; *Reisch, Tobias*; *Thurner, Stefan*
- 11:45 Swarm Mobile Sensors for Air Quality Monitoring and Citizen Science *Dimitri, Giovanna*; *Vitanza, Eleonora**; *Mocenni, Chiara*
- 12:00 A scalable gravity-based method for identifying critical road segments in global cities *Chakraborty, Sukankana**; *O'Clery, Neave*; *Rentschler, Jun*; *Avner, Paolo*
- 12:15 Modeling the Dynamics of Heterogeneous Climate Change Risk Perceptions: An Agent Based Model of US Population, 2010-2030 *Zia, Asim**
- 12:30 Assessing the interdependence of climate tipping elements *Scagliarini, Tomas**; *De Domenico, Manlio*; *Gamba, Lorenzo*

Chair: *Pietro Gravino*

Sept.4 Team Dynamics and Collaboration

Lab 1

- 15:30 Non-linearity and Power laws in IPSC shooting ranks *Frisia, Michele**
- 15:45 Event Distribution Randomness for Predicting Match Winners in Association Football *Bandara, Ishara S**
- 16:00 Team and workload dynamics in collaborative environment *Betti, Lorenzo**; *Gallo, Luca*; *Wachs, Johannes*; *Battiston, Federico*
- 16:45 Evolution in the Olympic Race *Rella, Simon A**
- 17:00 The Evolution of Platform-Driven Collaboration *Maddah, Negin*; *Heydari, Babak**

Chair: *Riccardo Gallotti*

Sept.5 Human Mobility 1

Lab 1

- 11:30 Barriers of Urban Mobility *Pintér, Gergő**; *Lengyel, Balázs*
- 11:45 Decomposing geographical and universal aspects of human mobility *Boucherie, Louis**; *Maier, Benjamin*; *Lehmann, Sune*
- 12:00 A generalized vector-field framework for mobility *Mazzoli, Mattia**; *Liu, Erjian*; *Ramasco, Jose*
- 12:15 Detection of Anomalous Spatio-temporal Patterns of App Traffic in Response to Catastrophic Events *Medina, Sofia**; *Pedreschi, Nicola*; *LaRock, Timothy*; *Babul, Shazia Ayn*; *Sahasrabuddhe, Rohit*; *Lambiotte, Renaud*
- 12:30 Modelling Traffic Flow for Mixed Slow and Fast Moving Transport System: The Case of Baybay City *Derecho, John Niño T.**; *Abad, Hannah Rissah*

Chair: *Luca Pappalardo*

Sept.5 Human Mobility 2

Lab 1

- 15:30 Resilience of mobility network in Chile to dynamic population response across COVID-19 interventions: evidence from Chile *Casaburi, Pasquale**; *Mazzoli, Mattia*; *Gozzi, Nicolò*; *Ferres, Leo*; *Kalimeri, Kyriaki*; *Dall'Amico, Lorenzo*; *Sapienza, Anna*; *Schifanella, Rossano*
- 15:45 Human mobility in the metaverse *Vasan, Kishore**
- 16:00 Prioritizing links in bicycle network plans with greedy network optimization *Sebastiao, Clément**; *Vybornova, Anastassia*; *Rahbek Vierø, Ane*; *Szell, Michael*
- 16:45 Those holding the fort: The complexity of human mobility beyond the traditional commute patterns *Murcio, Roberto**; *Barros, Joana*
- 17:00 Mixing Individual and Collective Behaviours in Mobility Models *Bontorin, Sebastiano*; *Centellegher, Simone*; *Gallotti, Riccardo*; *Pappalardo, Luca*; *Lepri, Bruno*; *Luca, Massimiliano**

Chair: *Mattia Mazzoli*