

Wednesday, 26 April

From	To	Activity
8:30	9:00	Registration
9:00	9:15	General Announcements
9:15	10:00	Keynote: Tina Eliassi-Rad Chair: TBA
10:00	11:00	Structure I Chair: TBA
		<p>Alex Arenas and Per Sebastian Skardal. Dual control of coupled oscillator networks</p> <p>Anna Poggialini, Pablo Villegas, Tommaso Gili and Andrea Gabrielli. Rethinking community detection in the light of the Laplacian Renormalization Group</p> <p>Dario Mazzilli, Aurelio Patelli, Manuel Sebastian Mariani and Flaviano Morone. Optimal Transport in complex systems</p> <p>Filippo Radicchi, Thomas Parmer and Luis Rocha. Influence maximization in Boolean networks</p>
11:00	11:30	Coffee Break
11:30	12:30	Structure II Chair: TBA
		<p>Gábor Timár, Sergey Dorogovtsev and José Mendes. Localization of nonbacktracking centrality on dense subgraphs of sparse networks</p> <p>Gadi Fibich and Tomer Levin. Universal Bounds for the Bass Model on Networks</p> <p>Harrison Hartle, Fragkiskos Papadopoulos and Dmitri Krioukov. Dynamic hidden-variable network models</p> <p>Hriday Chheda, Mahdi Mostajabdaveh and Samin Aref. A Branch-and-Cut Method for Globally Maximizing Modularity and Discovering Network Communities</p>
12:30	14:00	Lunch
14:00	14:45	Keynote: Clara Granell Chair: TBA
14:45	16:00	Structure III Chair: TBA
		<p>Jeremy Paton, Harrison Hartle, Huck Stepanyants, Pim van der Hoorn and Dmitri Krioukov. Entropy of labeled versus unlabeled networks</p> <p>Lorenzo Cirigliano, Claudio Castellano and Gábor Timár. Extended-range percolation on complex networks</p> <p>Lucas Böttcher and Mason Porter. Complex networks with complex weights</p> <p>Marco Grassia and Giuseppe Mangioni. CoreGDM: Geometric Deep Learning network decycling and dismantling</p> <p>Naoki Masuda and Prosenjit Kundu. Reducing the dimension of dynamical systems on networks using non-leading eigenvectors of adjacency matrices</p>
16:00	16:30	Coffee Break
16:30	18:00	Lightening Talks Chair: TBA
		<p>Sara Ghivarello and Alberto Antonioni. Coevolution of individual perception and cooperative behavior in the Norm Compliance Dilemma</p> <p>Stephany Rajeh and Hocine Cherifi. A community-aware ranking scheme to identify influential nodes in complex networks</p> <p>Ardian Maulana and Hokky Situngkir. Characterizing Emerging Structure of News Media Network on Twitter During Election</p> <p>Marta Zava. Investing in Minorities: A Complexity Approach to Venture Capital Funding</p> <p>Hamza Çoban and Alkan Kabakçioğlu. Criticality of gene regulation networks and an exact bound on stability of Boolean systems</p> <p>Malbor Asllani, Riccardo Muolo, Joseph O Brien, James Gleeson and Timoteo Carletti. Coherent and incoherent oscillations in real-world networks</p> <p>Elena Candellone, Alberto Aleta, Henrique Ferraz de Arruda and Yamir Moreno. Data-driven characterization of viral events on social networks: sustainability issues in vegetable oils production</p>
		<p>Duarte Magano, João Moutinho and Bruno Coutinho. Quantum simulation of complex networks, an open problem</p> <p>Francisco Richter, Ernst Wit and Rampal Etienne. Detecting complex diversity-dependent diversification with a novel phylogenetic inference framework</p> <p>Mattia Mattei and Alex Arenas. Biases in prediction of COVID-19 cases through the analysis of genetic copies concentration in wastewater plants</p> <p>Erica Cau, Virginia Morini and Giulio Rossetti. A framework for the diachronic and linguistic analysis of online polarized discussions</p> <p>Mariane Barros Neiva and Odemir Martinez Bruno. Adjacent Matrix Ordination, an alternative to complex networks visualization</p> <p>Miroslav Mirchev, Lasko Basnarkov and Igor Mishkovski. Comparative study of random walks with one-step memory on complex networks</p> <p>Timo Debono and Fernando P. Santos. The Effect of Link Recommendation Algorithms on Network Centrality Disparities</p> <p>Mounir Attié, Diogo Pacheco and Marcos Oliveira. Getting the Boot? Predicting the Dismissal of Managers in Football</p>
18:00	22:00	Conference Dinner