

Thursday, 27 April

| From | To | Activity |
|-------|-------|---|
| 8:30 | 9:00 | Registration |
| 9:00 | 9:15 | General Announcements |
| 9:15 | 10:00 | Keynote: Yamir Moreno Chair: TBA |
| 10:00 | 11:00 | Structure IV Chair: TBA |
| | | <p>Niall Rodgers, Peter Tino and Samuel Johnson. Strong Connectivity and Influence in Real Directed Networks</p> <p>Rui A. da Costa, Gareth Baxter, Sergey Dorogovtsev and Jose Fernando Mendes. Hidden phase transition in multiplex networks</p> <p>Samin Aref, Mahdi Mostajabdaveh and Hriday Chheda. Partitions with a modularity close to maximum modularity are often not close to an optimal partition</p> <p>Saumitra Kulkarni and Snehal Shekatkar. Detrimental role of fluctuations in resource dependency networks</p> |
| 11:00 | 11:30 | Coffee Break |
| 11:30 | 12:30 | Economy Chair: TBA |
| | | <p>Gabriele Di Bona, Alberto Bracci, Nicola Perra, Vito Latora and Andrea Baronchelli. The decentralized evolution of decentralization across fields: from Governance to Blockchain</p> <p>Marco Grassia, Giuseppe Mangioni, Stefano Schiavo and Silvio Traverso. Insights into countries' exposure and vulnerability to food trade shocks from network-based simulations</p> <p>Marta Zava. Dynamic Network of Venture Capital: Get a Leader VC to Fund You First</p> <p>Nishanth Kumar, Henrik Jeldtoft Jensen and Eduardo Viegas. Constructing Economic Networks using a measure of Mutual Influence</p> |
| 12:30 | 14:00 | Lunch |
| 14:00 | 14:45 | Keynote: Anxo Sanchez Chair: TBA |
| 14:45 | 16:00 | Epidemiology I Chair: TBA |
| | | <p>Alberto Aleta. Building data-driven contact structures and estimating the immunity thresholds in a population with individual contact pattern variation</p> <p>Ariadna Fosch, Alberto Aleta and Yamir Moreno. Characterising the role of human behaviour in the effectiveness of contact-tracing applications</p> <p>Dominik Schindler, Jonathan Clarke and Mauricio Barahona. Multiscale mobility patterns and the restriction of human movement</p> <p>Claudio Castellano, Marco Mancastroppa, Alessandro Vezzani and Raffaella Burioni. Stochastic sampling effects favor manual over digital contact tracing</p> <p>Federico Malizia, Luca Gallo, Vito Latora, Mattia Frasca and Giovanni Russo. A Pair-based approximation for simplicial contagion models</p> |
| 16:00 | 16:30 | Coffee Break |
| 16:30 | 18:00 | Structure V Chair: TBA |
| | | <p>Silvia Rognone and Vincenzo Nicosia. Characterisation of spatial motifs on a 2D coloured lattice through random walks</p> <p>Sooyeon Yoon, Jose Mendes, Alexander Goltsev and Kevin O'Keeffe. Solvable model of non-identical swarmalators</p> <p>Tiago Peixoto and Alec Kirkley. Implicit models, latent compression, intrinsic biases, and cheap lunches in community detection</p> <p>Vincenza Carchiolo, Marco Grassia, Michele Malgeri and Giuseppe Mangioni. Efficient Node PageRank Improvement via Link Building using Geometric Deep Learning</p> <p>Yu Gao, Carlo Campajola, Nicolo Vallarano, Andreia Sofia Teixeira and Claudio J. Tessone. Heterogeneity- and homophily-induced vulnerability of a p2p network formation model: the IOTA autopeering protocol</p> <p>Andrea Gabrielli, Guido Caldarelli, Tommaso Gili and Pablo Villegas. Laplacian Renormalization Group for heterogeneous networks: information core and entropic transitions</p> |
| 18:00 | 20:00 | Poster Session and Cocktail |