Tentative Schedule

Breakfast: coffee, tea, pastries 08:00 - 09:00
Opening remarks 09:00 - 09:10
Input-output analysis of dynamical networks 09:10 - 09:40
Sandip Roy

Scalable algorithms for resilient distributed coordination in large-scale networks 09:40 - 10:10
Shreyas Sundaram

Stability of dynamics on large-scale random networks 10:10 - 10:40
Mohammed Ali Belabbas

Coffee break 10:40 - 11:00

Time-varying control scheduling in complex dynamical networks 11:00 - 11:30
Erfan Nozari

Algorithms, fundamental limitations, impossibility results for control of networks 11:30 - 12:00
Alex Olshevsky

From local network structure to global graph spectrum 12:00 - 12:30
Victor Preciado

Lunch break 12:30 - 14:00

Analysis, design, and optimization of complex fractional networks 14:00 - 14:30
Sergio Pequito

Fragility and controllability tradeoff in complex networks 14:30 - 15:00
Fabio Pasqualetti

Poster session, discussion, and closing remarks 15:00 - 15:55

Closing remarks 15:55 - 16:00

Posters

Control, architecture design, and learning in dynamical networks with multiplicative noise
Benjamin Gravell, Yi Guo, Tyler Summers

An Input-Output Perspective on Dynamical Networks: Assorted Case Studies
Kasra Koorehdavoudi, Amirkhosro Vosoughi, Abdullah Al Maruf, Mengran Xue, Sandip Roy

Multi-stage dynamic information flow tracking game for advanced persistent threats
Shana Moothedath, Dinuka Sahabandu, Joey Allen, Andrew Clark, Linda Bushnell, Wenke Lee, and Radha Poovendran

Distributed State Estimation and Hypothesis Testing with Extensions to Byzantine-Resilience
Aritra Mitra, Shreyas Sundaram

Data-driven control of dynamical networks
Giacomo Baggio, Fabio Pasqualetti

A Spectral Graph Clustering Approach to Multiagent Data Association
Kaveh Fathian, Kasra Khossousi, Parker Lusk, Yulun Tian, Jonathan How