

NetSci 2014 School & Satellites: Program Overview

Clark Kerr Campus

The School is open to all NetSci participants. Location: **Bldg 8 Lounge**
It is concurrent with the Satellite meetings below.

SCHOOL	Mon, June 2	Tues, June 3
9-10:15am	Mark Newman <i>Networks Overview, I</i>	Mason Porter <i>Multilayer Networks, I</i>
10:15-10:30am	Coffee Break	
10:30-11:00am		Coffee Break
10:30am-noon	Melanie Mitchell & Vikram Vijayaraghavan <i>Introduction to Networks (Lab)</i>	
11am-noon		Mason Porter <i>Multilayer Networks, II</i>
12-1:30pm	Lunch	Lunch
1:30-3pm	Mark Newman <i>Networks Overview, II</i>	Melanie Mitchell <i>The Complexity Explorer Project: MOOCs and Web-Based Curricula for Complex Systems</i>
3-3:30pm	Coffee Break	Coffee Break
3:30-5pm	Airlie Chapman <i>Control theory for non-specialists</i>	Yang-Yu Liu <i>Controllability and observability of complex systems</i>

Please check website of each individual satellite for actual time range and program:

Session	Monday 2 nd	
Morning (8 am-1pm)	<ul style="list-style-type: none"> - Physics of Multilayered, Interconnected Networks. - MNAM: Multiple Network Modeling, Analysis and Mining. - Network Medicine: Molecular Targets and Therapeutics. 	<ul style="list-style-type: none"> - NetSciEd3: Satellite Symposium on Network Science in Education. - Quantum Frontiers in Network Science.
Afternoon (2 pm-7pm)	<ul style="list-style-type: none"> - Urban Systems and Networks. - Controlling Complex Networks. - Statistical Inference for Network Models. 	<ul style="list-style-type: none"> - Topology and Networks. Network - Cooperative team networks.
Session	Tuesday 3 rd	
Morning (8 am-1pm)	<ul style="list-style-type: none"> - Arts, Humanities and Complex Networks. - NetONets: Networks of networks: Systemic Risk and Infrastructural Interdependencies. 	<ul style="list-style-type: none"> - Models in Cellular Regulation. - Information, Self-Organizing Dynamics and Synchronization on Complex Networks.
Afternoon (2 pm-7pm)	<ul style="list-style-type: none"> - Temporal Networks, Human Behavior, and Social Physics. - Future ICT Satellite Workshop - Network Science for National Defense. - When Complex Networks meet Complex Data: Higher-Order Models in Network Science. 	<ul style="list-style-type: none"> - Theory & Applications for Discontinuous Connectivity Transitions in Networked Systems. - Complex Networks in Ecology.