



# CoCo

Center for Collective Dynamics of Complex Systems  
Binghamton University, State University of New York



## CoCo Seminar Series: Fall 2018

**\*\*\* The seminars can be taken as a 1-credit graduate course SSIE/BME-524 \*\*\***

Wednesday **11:00am-12:00pm** (unless otherwise noted)  
Engineering Building H-9 (Knoll-MacDonald Commons / Watson Commons)  
With refreshments; followed by open discussions

**August 29: Ziang (John) Zhang (Electrical and Computer Engineering, Binghamton University)**

*"From Kuramoto Oscillators to Synchronous Generators, Searching the Regions of Attraction of Networked Nonlinear Systems"*

**October 10: Bing Si (Systems Science and Industrial Engineering, Binghamton University) [CoCo/Data Science TAE Joint Seminar]**

*"Data Fusion and Statistical Learning in Healthcare Systems: From Diagnosis to Care to System-Level Decision-Making"*

**October 24: Jerome Niyirora (Health Information Management, SUNY Polytechnic Institute)**

*"Network Analysis of Medical Care Services"*

**November 7: Saray Shai (Mathematics and Computer Science, Wesleyan University)**

*"Topology and Geometry of Urban Road Networks"*

**November 14: Emrah Akyol (Electrical and Computer Engineering, Binghamton University)**

*"Bayesian Signaling Games and Their Applications to Misinformation Spread over Networks"*

**November 28: Ashwin Vaidya (Mathematical Sciences, Montclair State University)**

*"Complex Dynamics of Protein Aggregation in Alzheimer's Disease"*

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