



CoCo

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



CoCo Seminar Series: Fall 2017

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

Wednesday 8:30-9:30am (unless otherwise noted)
Engineering Building H-9 (Knoll-MacDonald Commons / Watson Commons)
With refreshments; followed by open discussions

August 30: Roozbeh Salary (Industrial and Systems Engineering, Binghamton University)
"3D Printing As a Complex System"

September 20: Pamela Mischen (Public Administration, Binghamton University)
"Adaptive Capacity as Emergent Capacity"

September 27, 11:00am-12:00pm [CoCo/Data Science TWG Joint Seminar]:
Dane Taylor (Mathematics, University at Buffalo)
"Centrality Analysis and Community Detection for Temporal and Multilayer Networks"

October 2 (Mon), 5:15-6:00pm in Science I 149 [CoCo/EvoS Joint Seminar]:
Genki Ichinose (Mathematical and Systems Engineering, Shizuoka University, Japan)
"How Mutation Alters Fitness of Cooperation in Networked Evolutionary Games"

October 18: David Sloan Wilson (Evolutionary Studies Program, Binghamton University)
"Evolving the Future: A Multilevel Plan for Sustainable Living"

November 1, 11:00am-12:00pm: James Dixon (Psychology / Center for the Ecological Study of Perception & Action, University of Connecticut)
"Rudimentary Perception-Action in Dissipative Structures"

November 7 (Tue), 2:00-3:00pm [CoCo/Data Science TWG Joint Seminar]:
Bill Rand (Marketing, North Carolina State University)
"Using Big Data, Social Networks, and Agent-Based Modeling to Understand Information Diffusion"

November 14 (Tue), 2:00-3:00pm: Sucheta Soundarajan and Reza Zafarani (Electrical Engineering and Computer Science, Syracuse University)
"Attributed Networks, Network Representation, and the Hierarchical Structure of Networks"

November 29: Farnaz Zamani Esfahlani (Systems Science, Binghamton University)
"Schizophrenia As a Complex System: Insights from Network Science"

December 4 (Mon), 5:15-6:00pm in Science I 149 [CoCo/EvoS Joint Seminar]:
Catherine Cramer and Stephen Uzzo (New York Hall of Science)
"Adventures in Complex Systems Learning and Literacy"

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