



CoCo

Binghamton Center of Complex Systems
State University of New York at Binghamton



CoCo Seminar Series: Fall 2023

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

**Wednesday 12:00-1:00pm in EB-T1 & Online (via Zoom)
Followed by open discussions**

August 30: Carlos Gershenson (Systems Science and Industrial Engineering, Binghamton University)

"Heterogeneity Extends Criticality"

September 20: [Online] William G. Kennedy (Computational & Data Sciences, George Mason University)

"Introduction to the Center for Social Complexity at George Mason University"

September 27: [Online] Cliff Joslyn (Pacific Northwest National Laboratory / Systems Science and Industrial Engineering, Binghamton University)

"Relational Models of Complex Systems: Hierarchy and Topology of High Order Interactions"

October 25: Irene Ferri Condeminas (Physics, University of Barcelona, Spain / CoCo Visiting Scholar)

"Beliefs and Social Networks: Exploring Opinion Dynamics in Interconnected Complex Systems"

October 31: [Extra CoCo Seminar] Priyank Thakkar (Computer Science and Engineering, Nirma University, India)

"Prediction in the Stock Market Using Deep Learning"

November 1: Peter Gerbrands (Economics, Utrecht University, the Netherlands / Economics, Binghamton University)

"Policy Reform Effects in the Tax Ecosystem: An Agent-based Simulation Approach"

December 5: [Extra CoCo Seminar: EB R15] Claudi Bockting (Global Health and Social Medicine, Harvard University / Clinical Psychology in Psychiatry, Amsterdam University Medical Centers, the Netherlands)

"Targeting Mental Health Conditions Globally in Challenging Times"

December 6: Alice C. Schwarze (Mathematics, Dartmouth College)

"Connecting Dynamics on and of Networks to Data: Motif-Based and Mean-Field Approaches"

Contact Hiroki Sayama (sayama@binghamton.edu), Andreas Pape (apape@binghamton.edu) or Michael Magid (mmagid1@binghamton.edu) for more information
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