



CoCo

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



CoCo Seminar Series: Spring/Summer 2024

**** 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**

January 24: Sadamori Kojaku (Systems Science and Industrial Engineering, Binghamton University)

"Unsupervised Embedding of Trajectories Captures the Latent Structure of Scientific Migration"

February 7: Pedro Márquez-Zacarías (Santa Fe Institute)

"Lessons from Life Itself: Relational Models of Complexity and Self-Organization"

February 9: [EB R15] Naoki Masuda (Mathematics, University at Buffalo)

"Temporal Networks: State-Transition Dynamics Modeling and Interaction among Manga Characters"

February 28: [Online] Yu Tian (Nordita: Nordic Institute for Theoretical Physics, Sweden)

"More Than Positive Weights: Structural Balance and Random Walks"

March 27: Neha Patankar (Systems Science and Industrial Engineering, Binghamton University)

"How to Make Collaborative Decisions on the Way to Net-Zero Energy System?"

April 3: Thomas Varley (Vermont Complex Systems Center, University of Vermont)

"Stability, Integration, and Higher-Order Interactions in Complex Systems"

April 10: [2:15pm; CoCo Student-Faculty Mixer Special Talk] David Sloan Wilson (Biological Sciences and Anthropology, Binghamton University)

"Integrating Complex Systems Science and Evolutionary Science: Still a Work in Progress"

April 17: Minjong Jun (Management, Binghamton University)

"The Measure of Complementarities and Synergies: A Systematic Review of the Organizational Science Literature and an Interdisciplinary Exploration"

July 1: Filippo Radicchi (Informatics, Computing, and Engineering, Indiana University)

"Modeling Resource Consumption and Transit Efficiency in Transport Systems with Percolation and Multiplex Networks"

Contact Hiroki Sayama (sayama@binghamton.edu), Andreas Pape (apape@binghamton.edu) or Akshay Gangadhar (agangadhar@binghamton.edu) for more information
<http://coco.binghamton.edu/>