



CoCo

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



CoCo Seminar Series: Fall 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**

September 25: Robert Wagner (Mechanical Engineering, Binghamton University)

"Inferring Local Interactions from Global Response in Condensed Active Matter: Complex Emergence in the Mechanics of Fire Ant Rafts"

September 27 [Friday]: Nelson Fernandez (University of Pamplona, Colombia / CoCo Visiting Scholar)

"The Unpredictable Game: What Complex Systems Science Tells Us About Soccer"

October 16: Andreas Pape (Economics, Binghamton University)

"On the Preservation of Input/Output Directed Graph Informativeness under Crossover"

November 6 [Online]: Ana Teixeira de Melo (Centre for Social Studies, University of Coimbra, Portugal)

"Moving with Uncertainty in Complex Thinking Choreographies: Tools and Strategies for Inter and Transdisciplinary Research and Practice with 'Real-World' Complex Systems"

November 20: Kimberly Glass (Brigham and Women's Hospital, Harvard Medical School)

"Challenges and Opportunities for Inferring Networks from Biological Data"

December 4: Narmada Sambaturu (Systems Science and Industrial Engineering, Binghamton University)

"Multi-Scale Modeling of Infectious Diseases"

Contact Hiroki Sayama (sayama@binghamton.edu), Andreas Pape (apape@binghamton.edu) or Akshay Gangadhar (agangadhar@binghamton.edu) for more information

<http://coco.binghamton.edu/>