



# CoCo

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



## CoCo Seminar Series: Fall 2015

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

**Wednesday 8:30-9:30am**

**Engineering Building R-3 (SSIE Conference Room)**

**With refreshments; followed by free discussions**

**September 16: Jean Marie Dembele (Computer Science, Université Gaston Berger de Saint-Louis, Sénégal)**

*"A Gene Regulatory Network for Artificial Cells Proliferation Control"*

**October 5 [Special CoCo/EvoS joint seminar; 5:15pm in AA G 008]: Charles Goodnight (Biology, University of Vermont)**

*"Using Multilevel Selection Theory to Define the Individual"*

**October 14: Huiyang Li (SSIE, Binghamton University)**

*"Function Allocation in Human-Automation Systems"*

**October 21: Malte Möser (Information Systems, University of Münster, Germany)**

*"From Blockchain to Consensus: Design and Challenges of Cryptographic Currencies"*

**October 22: [Keynote lecture at CoCo ORC kick-off event; 11:30am in ES 2008] Yaneer Bar-Yam (New England Complex Systems Institute)**

**October 28: Timothy Masters (Independent researcher and author)**

*"Predicting Complex Financial Markets"*

**November 11: Hiroki Sayama (SSIE, Binghamton University)**

*"Modeling Individual Behavioral State Transitions from Experimental Observations of Termite Collectives"*

**November 25: Andreas Pape (Economics, Binghamton University) and John Zhang (Electrical and Computer Engineering, Binghamton University)**

**[Note: This seminar will be held in UU 120]**

*"Simulating a Binghamton Smart Grid Using Case-based Decision Theory"*

**December 2: Nesrine Ouannes (Computer Science, University of Biskra, Algeria)**

**[Note: Thus seminar will be at 9:30-10:30am]**

*"Evolving Foraging Behaviors of Virtual Creatures in a Simulated Ecosystem"*

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