



# Engineering Systems Doctoral Seminar

## ESD.84 – Fall 2002

Session 14

December 4, 2002

Chris Magee and Joel Cutcher-Gershenfeld





# Session 14: Overview

- Welcome and Overview and Introductions (5-7 min.)
- Initial Identification of Questions from Readings from Axtell and Epstein (7-10 min.)
- Discussion of Agent Modeling (20 minutes)
- The Potential for applying Agent Modeling Methodologies to Complex Engineering Systems – Student Presentation by Ben Koo (10-15 min.)
- Break (10 min.)
- Engineering Systems Simulations (30-45 min.)
- Discussion (10-15 min.)
- Discussion of Molecular to Modular Biology Paper (10 minutes)
- Can Complex Engineering Systems Have Underlying “Genetic Codes?” – Is the biological analogy useful in understanding Engineering Systems? – Student Presentation by Jeroen Struben (10-15 min.)
- Next Steps (10-15 min.)

