



# **Engineering Systems Doctoral Seminar**

## **ESD.84 – Fall 2002**

Session 3

September 18, 2002

Chris Magee and Joel Cutcher-Gershenfeld

Guests: Joel Moses, John Sterman





# Session 3: Overview

- 9:30 Welcome and Overview
- 9:40 Opening dialogue based on Internal Symposium articles by Joel Moses and John Sterman
- 10:00 Book Review by Jeroen Struben -- L. von Bertalanffy, General Systems Theory (1968)
- 10:15 Presentation and dialogue led by John Sterman: Systems Thinking – Lessons from Systems Dynamics
- 11:00 Break
- 11:15 Presentation and dialogue led by Joel Moses: The Role of Systems Thinking in the Field of Engineering Systems
- 12:00 Exercise on methods associated with measuring degrees of uncertainty and degrees of complexity or Student presentation by Ozlem Uzuner on: Segmented, Hierarchical, Linear Thinking and Other Alternatives to Systems
- 12:30 Adjourn

