



Engineering Systems Doctoral Seminar

ESD.84 – Fall 2002

Session 5

October 2, 2002

Chris Magee and Joel Cutcher-Gershenfeld

Guests: John Doyle, Dan Hastings



Session 5: Overview

- Welcome and Overview and Introductions (5-10 min.)
- Generating Key Questions from Readings (10-15 min.)
- Perspectives on Complex Systems – John Doyle (30-45 min.)
- Principles of System Architecting-an Overview – Ben Koo (15-20 min.)
- Break (15 min.)
- Technology Policy and Implementation – Dan Hastings (15-20 min.)
- Book Reviews (5-10 min. each):
 - William Baumol, *The Free-Market Innovation Machine*. Princeton: Princeton University Press (2002) -- Marcus Sarofim
 - Ulrich & Eppinger, *Product Design & Development*, selections – Eun Suk Suh
 - Christensen, Clayton, *Innovator's Dilemma* – Chris Musso
- Integrative Discussion (20-30 min.)
- Next Steps (10-15 min.)