



Systems Engineering Advancement Research Initiative



2010 SEARi Annual Research Summit

Welcome and Introductions

Dr. Donna H. Rhodes

Dr. Adam M. Ross

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Cambridge, MA

Massachusetts Institute of Technology



Engineering Systems Division



Systems Engineering Advancement Research Initiative (SEARi)

SEARi is positioned within the Engineering Systems Division at MIT



Mission

Advance the theories, methods, and effective practice of systems engineering applied to complex socio-technical systems through collaborative research

2010/2011 Sponsors:

US Air Force, Singapore DSTA,
DARPA, MIT Portugal Program,
selected US Government Agencies



292 Main Street

E38-575

People of SEARi

Fall 2010

Leadership

- Dr. Donna Rhodes
 - Director and Principal Research Scientist
- Dr. Adam Ross
 - Lead Research Scientist

Faculty Strategic Advisor

- Prof. Daniel Hastings

Research Affiliates

- Mr. Andrew Long
- Dr. Hugh McManus

Doctoral Students

- Brian Mekdeci
- M. Greg O'Neill
- Nirav Shah
- Zoe Szajnfarber

Masters Students

- Clark Beesemyer
- Matt Fitzgerald
- Augustin Friedel
- Dan Fulcoly
- Kacy Gerst
- Julia Nickel

Undergraduate Students

- Nicola Ricci

Introductions

Please share:

- Your name
- Your organization and position
- *Optionally – brief remarks on challenges and uncertainties your organization is facing*

GOALS for SUMMIT

Contemporary systems and enterprises operate and evolve within dynamic environments characterized by changes in leadership, policy, technologies, markets, and stakeholder needs.

Gain insight into emerging contextual, temporal and perceptual-based approaches to anticipate possible futures, and evaluate impacts on systems and enterprises.

Dialogue with colleagues on challenges and strategies for dealing with uncertainty.