



A Roundtable Discussion Hosted by the MIT Supply Chain Exchange

Quantifying Resilience

MIT Campus, 1 Amherst St., E40-298

October 28-29, 2015

Wednesday, October 28

- 1:00 *Registration*
- 1:30 *Welcome and Introductions*
Jim Rice – Deputy Director, MIT Center for Transportation & Logistics
- 2:00 **Overview: Quantifying Resilience**
Session Kickoff Brief:
Jim Rice and Gary Lynch – Director, Risk Strategies Lab at Rutgers Center for Market Advantage
Gary and Jim will introduce the importance of measuring and quantifying the costs and benefits of making supply chain resilience investments.
- 3:15 *Break and informal discussions*
- 3:45 **Quantifying Costs: Cost-to-Recover, Cost-to-Mitigate**
Session Kickoff Brief: Santosh Stephen – Supply Chain Strategy, Dell
Santosh will kick off this session sharing recent graduate research conducted with a consumer/industrial products company to measure their supply chain resilience.
- 4:45 *Break*
- 5:00 **Book Lecture and Reception: The Power of Resilience**
Prof. Yossi Sheffi – Director MIT Center for Transportation & Logistics
Prof. Sheffi will give a talk reviewing key insights from his second book on supply chain resilience, entitled *The Power of Resilience* – featuring business continuity and resilience planning practices from the world’s leading practitioners. All participants will receive a copy of the book.
- 6:30 *Adjourn*

Thursday, October 29

- 8:30 *Continental breakfast*
- 9:00 **Quantifying Benefits: Value-at-Risk**
Session Kickoff Brief:
Dr. Bruce Arntzen – Executive Director, MIT Supply Chain Management Program
Bruce will kick this session off by sharing insights from his Hi-Viz research project developing automated maps/visualizations of value-at-risk within company supply chains.
- 10:15 *Break and informal discussion*
- 10:45 **Technology and Decision Support Tools and Platforms**
Discussion of Current Offerings. This session will review current market offerings of tools and data sources supporting risk management and resilience decision-making.
- 12:00 *Lunch at 100 Main Marketplace*
- 1:00 **Lingering Uncertainty, Risk Preferences, and Risk Management**
Session Kickoff Brief and Facilitator: Gary Lynch
Gary will facilitate a discussion about the opportunities that emanate from uncertainty – something he calls ‘the uncertainty advantage’ (the subject of an upcoming book by Gary).
- 2:30 *Summary Discussion*
- 3:00 *Adjourn*
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