ESD NEWS

On Wednesday, January 25, Professor Yossi Sheffi will give a presentation and moderate a session in Davos, during the World Economic Forum, on Risks in the Global Supply Chain. Panel members will include:

- Daniel J. Brutto, President, UPS International, UPS, USA
- Ricardo Martinelli, President of Panama
- Janet A. Napolitano, US Secretary of Homeland Security
- Dan Sten Olsson, Chief Executive Officer, Stena, Sweden

MIT has been selected to lead the US Department of Transportation Research & Innovative Technology Administration (RITA) University Transportation Center for the New England Region. Announced this week by US Transportation Secretary Ray LaHood, the two-year $3.5 million grant funds transportation and education programs at MIT and its regional partners that include the University of Connecticut, Harvard University, and the Universities of Maine and Massachusetts. AgeLab director Joseph Coughlin led the proposal and is principal investigator of the grant establishing the New England University Transportation Center. The grant will support surface transportation research and education projects in the area of safety and livable communities with special attention given to the role of new technologies and disadvantaged populations such as the elderly. Read full press release here.

Profs. David Geltner and Richard de Neufville are jointly keynoting the Global Symposium of the Royal Institute of Chartered Surveyors in Adelaide, Australia on January 20. The overall theme is "Real Options: The Future of Property Investment and Property Valuation?". They will be presenting their two-part paper "Uncertainty, Flexibility, Valuation & Design: How 21st Century Information & Knowledge Can Improve 21st Century Urban Development," which will soon be added to the ESD Working Paper Series.

Video of Professor Joseph Sussman's talk "Engineering Systems: Evolution of a Field of Study"--the Dean's Distinguished Lecture at Columbia University (April 2011)—is available online.

You are invited to complete a short questionnaire on Model-Based Systems Engineering (MBSE) initiated by INCOSE (International Council on Systems Engineering) and OMG (Object Management Group). The survey takes about 5 minutes to complete, and is available here.
PUBLICATION

“Modeling the Effects of H1N1 Influenza Vaccine Distribution in the United States” - Richard C. Larson, Anna Teytelman; Value in Health - Volume 15, Issue 1, Pages 158-166, January 2012

IN THE MEDIA

Article on Jessika Trancik's graduate seminar Energy Systems and Climate Change Mitigation (ESD.124)
“Seminar challenges with systems approach to climate change”
MITEI website – January 19, 2012, and on the MIT News site

Article on Harvard Business School survey on U.S competitiveness; Thomas Kochan contributed to the work
“Harvard Business School Survey Reveals Deepening U.S. Competitiveness Problem”
KPHO.com (via PRNewswire-USNewswire ) – January 18, 2012

Coverage on “The Age of Opportunity” study conducted by MIT AgeLab and The Hartford Financial Services Group
“Retirees see Betty White as top role model”
Reuters - January 17, 2012
(Picked up by numerous media outlets nationwide)

EVENTS

Monday, January 23, 2012
MIT SDM Systems Thinking Webinar Series
Inventory Productivity: Missing Link Between Supply Chain Management and Sales
Jonathan L.S. Byrnes - Senior Lecturer, MIT
Time: 12-1pm
Open to all; Register
Download the presentation slides

Monday, January 30, 2012
SDM Systems Thinking Webinar Series
Creative Experimentation: Developing a Skill Critical for Managing Complex Operating Systems (Part two of a two-part series)
Steven J. Spear - Senior Lecturer, MIT Sloan School of Management; Senior Lecturer, MIT Engineering Systems Division; Senior Fellow, Institute for Healthcare Improvement; and author, The High Velocity Edge
Time: 12–1pm

Monday, January 30, 2012
Dissertation Defense of Danielle Wood
Building Technological Capability within Satellite Programs in Developing Countries;
Committee: A. Weigel (chair), A. Amsden, H. Balakrishnan
Time: 12:30-1:30pm
Location: E40-298

Tuesday, January 31, 2012
Risk Management in Engineering Programs – What Really Counts
Time: 2-3pm
Please join us for a free online presentation of the MIT Lean Advancement Initiative’s (LAI) latest research insights into risk management in engineering programs. Register here.

**Tuesday, January 31, 2012**  
SEMS Student Initiatives Campaign Kickoff (webinar)  
Sponsored by Society for Engineering and Management Systems (SEMS)  
Time: 2pm  
Presented by Dr. Wiljeana Glover, lead, Student Initiatives Committee and postdoctoral associate at the MIT Lean Advancement Initiative  
As undergraduate and graduate students continue to represent a large proportion of the IIE and SEMS member population (41 percent in 2011), we will be offering new programs and services to cater to our student members. This webinar is designed to introduce students and faculty to these activities. Click here to register.  
Open to members and non-members.

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