ESD NEWS

ESD launches new undergrad course ESD.00 in the spring
This new (spring 2011) undergrad course will combine the introduction of fundamental engineering systems concepts and methods with real-world projects related to critical contemporary issues. Complete details are on the course’s newly-launched Stellar site:
https://stellar.mit.edu/S/course/ESD/sp11/ESD.00/index.html

IN THE MEDIA

Yossi Sheffi talks about airport security on public radio show Radio Times
“TSA Full-body Scans: Privacy vs. Security”
Radio Times (WHYY) – November 24, 2010
(Prof. Sheffi is the final guest of the broadcast and is introduced with approximately 16:50 left in the time counter)

***

Son of Ursula Burns (ESD Visiting Committee member slated to be the 2011 MIT Commencement speaker) describes her enthusiasm for MIT as being sparked by ESD
The Tech – November 30, 2010
http://tech.mit.edu/V130/N57/commencementspeaker.html

***

Coverage of spacesuit design project (Dava Newman featured)
“Superhero style spacesuits” (Dava Newman and grad student Allie Anderson featured in video)
CNN (“Big I” segment) - November 19, 2010

Project also covered here:
“Skin-tight Space Suit Could Keep Astronauts Strong”
DiscoveryNews – December 1, 2010

***

Ernest Moniz quoted in an article on a new report outlining a strategy for clean energy technology
“Is the U.S. Falling Behind in the Clean Energy Race?”
Scientific American – November 30, 2010
http://www.scientificamerican.com/article.cfm?id=is-the-us-falling-behind-in-clean-energy

***
John Sterman and C-ROADS model
The C-ROADS model, developed jointly by Climate Interactive and John Sterman, is one of the models used in the new United Nations Environment Programme (UNEP) report, issued on November 23, on "The Emissions Gap." (This report is getting wide media coverage.) View the full report at: http://www.unep.org/publications/ebooks/emissionsgapreport/

Also, John Sterman and climate modeling are mentioned in the Daily Kos blog “DIY Climate Change”
Daily Kos blog – November 23, 2010

***

Richard Larson talks about “line cutters” in time for the holiday shopping season
“How to deal with line cutters, parking space stealers”
CNN - November 25, 2010

***

John Hansman quoted in an article in which officials speculate about whether a teen's death was the result of a fall from a plane
Boston Globe (originally ran in AP) – November 23, 2010

***

Press release about research from The Hartford and MIT AgeLab
“New research from The Hartford and MIT AgeLab shows significant number of adults concerned about parents’ driving abilities”
TradersHuddle.com (via BusinessWire) – December 3, 2010

WORKING PAPER
A new paper has been added to the ESD Working Paper Series:

Valuing the Commons: A Fundamental Challenge across Complex Systems
Joel Cutcher-Gershenfeld, Dean and Professor, School of Labor and Employment Relations, University of Illinois at Urbana-Champaign
Chris Lawson, Chief Scientist, Synexxuis Corporation
Read this and other working papers at: http://esd.mit.edu/WPS/default.htm

EVENTS

**Please note that as of this afternoon (Fri. Dec. 3) we’re experiencing technical difficulties with our ESD Google calendar (events are listed correctly in Google administrative interface, but appear on the wrong days on the public ESD online calendar; although the dates are correct in the details pop-up boxes). We’re working to solve this problem. In the meantime, you can find listings for events for the next couple of weeks below.**

Monday, December 6, 2010
MIT SDM Systems Thinking Webinar Series  
Time: noon-1pm  
Open to all  
Title: Analysis of Value Creation and Value Capture in the Microfluidics Market  
Presenter: Shailendra Anand Yadav, SDM ’10 and Bio-Automation Manager, The Eli and Edythe L. Broad Institute of Harvard and MIT  
For further information, please contact Lois Slavin, SDM Communications Director, lslavin@mit.edu.

**Tuesday, December 7, 2010**  
ESD Faculty Lunch  
Location: E40-298  
Time: noon-1pm  
Donna Rhodes will be giving an update on the research being done by the SEArI group.

**Tuesday, December 7, 2010**  
Dissertation defense of Sidharth Rupani  
Time: 3pm  
Location: E40-298  
Title: Standardization of Product Development Processes in Multi-Project Organizations  
Supervisor: W. Seering  
Committee members: T. Browning, S. Eppinger, C. Magee, E. Rebentisch

**Wednesday, December 8, 2010**  
ESS Research Seminar Series  
Time: noon-1pm  
Location: E40-298  
Open to ESD doctoral students and others, by invitation of ESS. Contact Zoe Szajnfarber or Regina Clewlow if interested.

**Wednesday, December 8, 2010**  
LAI Research Seminar Series  
Time: 4:15pm  
Location: E38-615  

**Tuesday, December 14, 2010**  
ESD Holiday Brunch  
Time: 11am-1pm  
Location: E40-298  
Please RSVP at: [http://www.surveymonkey.com/s/3FXR3WP](http://www.surveymonkey.com/s/3FXR3WP)  
Contact: Erica Bates

**Wednesday, December 15, 2010**  
ESS Research Seminar Series  
Time: noon-1pm  
Location: E40-298  
Open to ESD doctoral students and others, by invitation of ESS. Contact Zoe Szajnfarber or Regina Clewlow if interested.

**Friday, December 17, 2010**  
Dissertation defense of Michel-Alexandre Cardin  
Time: 2pm  
Location: E40-298  
Title: Quantitative Performance-Based Evaluation of a Procedure for Flexible Design Concept Generation in Engineering Systems  
Supervisor: R. de Neufville
Committee members: O. de Weck, D. Frey, D. Geltner, G. Kolfschoten (TU Delft)

###