ESD NEWS

Upcoming events of note:

Inside Job filmmaker Charles Ferguson to present Brunel Lecture on November 9
Ferguson (MIT PhD, political science ’89) will present the talk, “The Financial Crisis, the Recession, and America’s Future: A Systemic Perspective,” and show some clips from his new, highly-acclaimed film. Details here: http://esd.mit.edu/Headline/calendar/2010/110910brunel.html

New England Complex Systems Institute (NECSI) and ESD host seminar on November 12
The seminar, to be the first of a series of talks co-sponsored by NECSI and ESD, will be presented by Albert-László Barabási, a complex systems scientist widely recognized for developing our understanding of real-world networks, especially the concept of scale-free networks. Read more and register at: http://necsi.edu/events/upcomingevents.html

Symposium next week (Nov. 11) honors Professor David Marks
The symposium, on November 11, is titled “Complexity and Sustainability: Perspectives on Environmental Technologies and Global Systems.” Prof. Sussman will moderate the symposium, which will also feature a number of other ESD faculty. Full details: http://cee.mit.edu/marks-symposium.

ESD PhD open house for prospective students on November 15
Prospective students are invited to learn more about the ESD PhD program at the November 15 open house. The Engineering Systems Poster Session will follow, at 5-7pm in the Grier Room (34-401). Full details: http://esd.mit.edu/academics/phd_admissions/events10.html

Other news:

SDM recently hosted its annual Systems Thinking Conference
More than 300 guests attended the two-day conference MIT SDM Conference on Systems Thinking for Contemporary Challenges to hear experts from MIT, industry, and government discuss how they use systems thinking to solve some of the world’s most pressing and complex problems. “SDM Holds Annual MIT Systems Thinking Conference” Read more about the conference: http://web.mit.edu/newsoffice/2010/systems-thinking-conference.html Read Sloan Management Review item on John Sterman’s SDM Systems Thinking Conference talk on climate change risk: http://mitsmr.com/auSiBR

Society of Women Engineers honors MIT Leaders for Global Operations graduate
The Society of Women Engineers (SWE) named Missy Brost, a 2009 graduate of the MIT Leaders for Global Operations (LGO) program, a 2010 Distinguished New Engineer of the Year. Read more: http://web.mit.edu/newsoffice/2010/swe-lgo-award.html

Raytheon’s Luis Izquierdo to serve as MIT’s LAI Executive Board Industry Co-Chair
**IN THE MEDIA**

**Executive Vision episode featuring Yossi Sheffi now available online**
Executive Vision: Global Logistics (on CNBC) – premiered in the U.S. on Nov. 1 (airs globally)

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**Yossi Sheffi talks about air cargo security**
“In Air Cargo Business, It’s Speed vs. Screening, Creating a Weak Link in Security”
The New York Times – November 1, 2010 (Also in the International Herald Tribune)

“After Attempted Bombing, Can the Global Economy Afford to Increase Cargo Security?”
The Takeaway (public radio show) – November 2, 2010

“Anticipating Al Qaeda’s Next Bomb Plot”
To the Point (public radio show from KCRW) – November 2, 2010

Bloomberg TV (clip available via Bloomberg’s YouTube channel) – November 4, 2010
[http://www.youtube.com/watch?v=uV1BCffV7r8](http://www.youtube.com/watch?v=uV1BCffV7r8)
Also on the Washington Post website: [http://www.washingtonpost.com/wp-dyn/content/video/2010/11/04/VI2010110406252.html?mod=WSJ_hpEditorsPicks_2#articleTabs%3Darticle](http://www.washingtonpost.com/wp-dyn/content/video/2010/11/04/VI2010110406252.html?mod=WSJ_hpEditorsPicks_2#articleTabs%3Darticle)

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**Missy Cummings and Humans and Automation Lab featured in The Wall Street Journal**
“Drones Get Ready to Fly, Unseen, Into Everyday Life”
The Wall Street Journal – November 3, 2010
[http://online.wsj.com/article/SB10001424052748703631704575551954273159086.html?mod=WSJ_hpEditorsPicks_2#articleTabs%3Darticle](http://online.wsj.com/article/SB10001424052748703631704575551954273159086.html?mod=WSJ_hpEditorsPicks_2#articleTabs%3Darticle)

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**Selected coverage of AgeLab/Ford work on decreasing driver stress**
“An End to Bad, Cranky Drivers?”
CNET.com – November 4, 2010

“Tech-Aided Parking Lowers Your Heart Rate”
Wired.com Autopia blog – November 4, 2010

“New Tech Can Reduce Driver Stress, MIT-Ford Study Contends”
The Detroit Bureau – November 4, 2010

Also: AgeLab is mentioned in an article on driving and aging:
USA Today – November 4, 2010
Dava Newman quoted in articles on gravity suits in space
“Gravity suit mimics Earth's pull for astronauts”
BBC News – November 3, 2010

“‘Stretch’ suit meant for weightlessness”
UPI.com – November 4, 2010

Article about BLOSSOMS by Richard Larson
“O.R. 'BLOSSOMS' in high schools”
OR/MS Today – October 2010
http://viewer.zmags.com/publication/bc1fd2b9#/bc1fd2b9/10

David Geltner quoted on commercial real estate prices
“Trophy Commercial Property Prices Rising but Distressed Building Prices Tumbling Fast”
Real Estate Channel – November 2, 2010

“Good News (No, Really) for Real Estate Market”
SeekingAlpha.com – November 5, 2010
http://seekingalpha.com/article/234967-good-news-no-really-for-real-estate-market

Stuart Madnick quoted in article about PayPal outage
“PayPal outage leads to frustration”
TechWorld.com – November 10, 2010
http://features.techworld.com/applications/3247371/paypal-outage-leads-to-frustration/

Steven Spear writes about the importance of discovery in the design of complex systems
“Focus on Discovery, Not Decision-Making Is Key to Success”
Xconomy – September 22, 2010
http://www.xconomy.com/national/2010/09/22/focus-on-discovery-not-decision-making-is-key-to-success/

"Relentless Discovery"
Lean Management Journal – Issue 06 (subscription required to view article; click here for trial subscription to the journal)

EVENTS

Below are some ESD events and events of interest to the ESD community coming up next week. Find more events at: http://esd.mit.edu/Headline/events.html.
Monday, November 8, 2010
MIT SDM Systems Thinking Webinar Series
Time: noon-1 pm
Open to all
Speakers: Akshat Mathur, SDM alum and Ted Piepenbrock, Ph.D.
Title: The Evolution of Business Ecosystems: Interspecies Competition in the Steel Industry

Tuesday, November 9, 2010
ESD Faculty Lunch
Noon
E40-298
**Please note there will be no regularly scheduled faculty lunch the following week on November 16, as ESD faculty will be meeting with the ESD Visiting Committee on November 16 and 17.**

Tuesday, November 9, 2010
Talk sponsored by MIT Center for Transportation & Logistics
Speaker: Randal O'Toole, Senior Fellow, Cato Institute
Talk Title: "How President Obama's Livability Policies Will Harm American Cities"
Time: Complimentary lunch provided at 12:30pm. Lecture starts at 12:45pm (followed by Q&A).
Location: W20-307 Stratton Student Center

Tuesday, November 9, 2010
Brunel Lecture Series for Complex Systems
Speaker Charles Ferguson, director of the newly, highly-acclaimed documentary Inside Job (about the causes of the 2008 financial meltdown) will present the talk: "The Financial Crisis, the Recession, and America's Future: A Systemic Perspective."
Time: 4pm
Location: 54-100

Wednesday, November 10, 2010
ESS Research Seminar Series
12:30-1:30pm
E40-298
Open to ESD doctoral students and others, by invitation of ESS. Contact Zoe Szajnfarber or Regina Clewlow if interested.

Wednesday, November 10, 2010
LAI Research Seminar
4:15pm
E38-615

Thursday, November 11, 2010
Complexity and Sustainability: Symposium in Honor of Professor David Marks
This is a symposium about the future of systems approaches to sustainability study, associated educational elements, and Prof. Marks's role in establishing these at MIT in his 41 years of service. A reception will follow the symposium. Free and open to the general public.
Time: 1-5pm
Location: E51 - Wong Auditorium, Ting Foyer

Friday, November 12, 2010
NECSI and MIT ESD Seminar
Human Dynamics: From Human Mobility to Predictability
Albert-László Barabási, Center of Complex Networks Research, Northeastern University and Department of Medicine, Harvard University
Time: 12:30 to 2:00 PM
Location: MIT Room 35-225
Read more and register at: http://necsi.edu/events/upcomingevents.html