ESD NEWS

The ESD PhD Alumni Open House will be on November 16th at 12-6pm (held in tandem with the ESD PhD Open House for prospective students). View a tentative agenda for the Alumni Open House here.

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The MIT School of Engineering has just launched the MIT Engineering PhDs website, designed to provide greater visibility for students completing PhDs—especially those who are considering academic careers. Students who anticipate completion sometime within the 2012-13 academic year and would like to be featured on this site should contact Chad Galts. (Postdoctoral associates and fellows are also included on this site.)

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AgeLab Director Joe Coughlin addressed nearly 10,000 attendees in the Denver Convention Center for the LeadingAge Annual Meeting. LeadingAge is the nation’s premier aging services organization, representing 6,000 not-for-profit organizations in the United States. Coughlin’s remarks (in a keynote presentation on October 23rd) were a call to action for systems innovation in aging services. Read more here.

PUBLICATIONS

Research in Engineering Design - Special Issue on Change Management (Vol. 23, Number 4, Oct. 2012):
- **Guest Editorial** by Olivier de Weck, Claudia Eckert and P. John Clarkson
- Pasqual M.C., de Weck O.L., "Multilayer Network Model for Analysis and Management of Change Propagation" (Note: The research presented in this paper is based on the master's thesis of Michael Pasqual who won a 2010 TPP best thesis award, see news item)

“Divergence and Lifecycle Offsets in Product Families with Commonality” (Ryan C. Boas, Bruce G. Cameron, Edward F. Crawley), Accepted in Journal of System Engineering, Article published online: Oct. 19, 2012

Thompson, T. M. and Selin, N. E.: "Influence of air quality model resolution on uncertainty associated with health impacts," Atmospheric Chemistry and Physics, 12, 9753-9762, 2012

WORKING PAPER

The paper below has been added to the ESD Working Papers Series.

**NEC FUTURE Tier I Scoping Process: Public Comment**
Submitted by Regional Transportation Planning and High Speed Rail Research Group
Joseph M. Sussman
JR East Professor of Civil and Environmental Engineering and Engineering Systems, MIT

Andrés F. Archila
M.S. in Transportation Candidate, MIT

S. Joel Carlson
M.S. in Transportation Candidate, MIT

Maite Peña-Alcaraz
PhD Student, Engineering Systems Division, MIT

Naomi Stein
M.S. in Transportation / Master in City Planning, Transportation, and Urban Planning Candidate, MIT

Ryan J. Westrom
M.S. in Transportation Candidate, MIT

Read this and other ESD Working Papers here.

IN THE MEDIA

MIT News coverage of recent electoral symposium sponsored by SSRC and CESF
“Scholars ponder better ways to elect a president”
MIT News - October 23, 2012

Story on MIT’s global strategy includes John Fernandez, Ed Crawley (and encompasses several programs with some sort of ESD involvement or connection)
“MIT Adopts a Quiet Global Strategy”
The Chronicle of Higher Education – October 22, 2012; View map of MIT’s global footprint

Slice of MIT (alumni blog) covers story about test crash of plane; John Hansman mentioned
“Scientists Crash a Plane in the Name of Safety”
Slice of MIT – October 10, 2012

Arnold Barnett (of LGO and Sloan) talks about statistics showing that rail and subway transit has become more dangerous than air travel
“Trains face greater terror threat than planes”
CBSNews.com – October 25, 2012

EVENTS

Monday, October 29, 2012
MIT SDM Systems Thinking Webinar Series
Multisourcing Conflicts: What does a manager focus on?
Monday, October 29, 2012
MIT Transportation Club Student Workshop
This first workshop will focus on data visualization and will be conducted by Jameson Toole, ESD PhD student and researcher for the Human Mobility and Networks Lab at MIT.
Time: 6-8pm
Location: 4-231

Tuesday, October 30, 2012
ESD Faculty Lunch
Debbie Nightingale will present a short summary of the “MIT and Kaiser Permanente Workshop: Systems Thinking, Data Applications, and Digital and Future Trends in Health Care” held on 10/24.
Dick Larson will speak about the “The Second MIT Presidential Election Conference” held on 10/19.

Friday, November 9, 2012
CTL Distinguished Speaker Series
"Supply Chains: Where We've Been and Where We're Going"
Tom Linton - Chief Procurement Officer, Flextronics
Time: 12-1pm
Location: 35-225

FYI - Wednesday, November 14, 2012
Third Annual Transportation Showcase
(Organized by the MIT Transportation Club)
Time: 6-9:30pm
Location: MIT Museum
Deadline for submission of posters: Friday, November 9

Thursday, November 15, 2012
MIT’s Center for Biomedical Innovation’s 5th Annual Biomanufacturing (BioMAN) Summit
Location: MIT Faculty Club (Bldg E52-6th Floor)
Title: The Impact of Biosimilars and Biobetters on Biopharmaceutical Manufacturing
This is a day-long symposium and open to the MIT Community. Registration is required. Event details here.

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