ESD NEWS

Yves Boussemart has successfully defended his dissertation. Yves's dissertation title is: "Predictive Models of Procedural Human Supervisory Control Behavior." (Chair: M.L. Cummings; Committee: N. Roy, D. Frey)

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ESD PhD student Jordan Peck has been awarded New England HIMSS Dvora Brodie Chapter Scholarship from the Health Care Information and Management System Society (HIMSS). Read full press release at: http://www.himss.org/ASP/ContentRedirector.asp?type=HIMSSNewsItem&ContentId=75814

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The d'Arbeloff Fund for Excellence in Education is providing funding for the development and assessment of ESD's new undergrad subject Introduction to Engineering Systems (ESD.00), to be offered for the first time this spring. ESD.00 introduces basic engineering systems concepts in lectures by Professor Joseph Sussman and Dr. Afreen Siddiqi and then breaks the class up into teams to work on projects that exemplify critical contemporary issues. The projects this semester are:
- The Stroke Care-Chain – Dr. Stan Finkelstein, Abby Horn, Amparo Canaveras and Ken Gotlieb
- The Urban Water-Energy Nexus: A Case Study of Masdar City – Dr. Afreen Siddiqi, Vivek Sakhrani
- An Environmental Analysis of High-Speed Rail and Aviation for Intercity Transportation – Professor Joseph Sussman, Regina Clewlow
- The Internet: Governance and the "Digital Divide" – Dr. David Clark, Jesse Sowell

The fund supports selected projects designed to enhance and potentially transform the academic and residential experience of MIT's undergraduate students.

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News from the Lean Advancement Initiative (LAI):


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Updated info on new ESD spring subjects is available online at: http://esd.mit.edu/academics/new_courses.html
IN THE MEDIA

Interview with Yossi Sheffi on 2011 outlook in Journal of Commerce
“Annual Review & Outlook: Executive Commentary”
Journal of Commerce – January 10, 2011
Online access for registered users only, but you can view a PDF on the CTL site:
http://ctl.mit.edu/news/annual_review_plus_outlook_2011

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Dava Newman and TPP alum Mike Massimino featured on NOVA ScienceNOW
NOVA ScienceNOW: “Can We Make it to Mars?”
Premiered locally on WGBH on January 19, 2011
Watch segment online at: http://www.pbs.org/wgbh/nova/space/space-suits.html

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Michael Cusumano quoted in recent Apple coverage
“Can Apple Find More Hits Without Its Tastemaker?”
http://www.nytimes.com/2011/01/19/technology/companies/19innovate.html?_r=2&ref=companies

“What happens when the iPad outsells the Mac”
CNET – January 24, 2011

Also, Cusumano quoted in article on Google's position in the tech world:
“Google seeks to be cool again”
Detroit Free Press – January 22, 2011

and interviewed in a ComputerWorld article on CIOs and risk management:
“Risk Management: A CIO’s Strategic Role”
http://news.idg.no/cw/art.cfm?id=07ABD077-1A64-67EA-E4698245CE8377CF

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Ernest Moniz mentioned in MIT News article on new MITEI report on Electrification of the Transportation System
“Electrifying transportation: Devil is in the details”
MIT News Office – January 24, 2011

Also picked up on Physorg.com:

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Sanjoy Mitter and David Mindell mentioned in MIT News article on Norbert Weiner
“Prodigy of probability”

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Article in CNNMoney cites a CTL white paper
“2011’s hottest job you never thought of”
CNNMoney.com – December 27, 2010

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Financial Times article about recruiting supply chain professionals mentions MIT and Zaragoza
“Recruitment: Skilled staff are harder to find than ever”
Financial Times – January 25, 2011 (may require online registration to access)
http://www.ft.com/cms/s/0/7d91114-274a-11e0-80d7-00144feab49a,s01=1.html

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Visiting faculty Marija Ilic guest editor of the special issue of the Proceedings of IEEE on Networks Systems Engineering for Reaching Energy and Environment Dream; press release picked up by numerous major news outlets
PR Newswire – January 19, 2011

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DiscoveryNews column references Seth Lloyd’s New York Times letter to the editor on the quest for dark energy
“Of Aliens, Dark Matter, and Poe’s Law”
DiscoveryNews – January 26, 2011

EVENTS

Tuesday, February 1, 2011
Dissertation defense of Karen Tapia-Ahumada
Title: Understanding the Impact of Large-Scale Penetration of Micro Combined Heat & Power Technologies within Energy Systems
Committee: E. Moniz (chair), M. Ilic (CMU), J. Kirtley, I. Perez-Arriaga (Pontificia Comillas)
Time: 10am
Location: E51-325

Tuesday, February 1, 2011
Engineering Systems Research - Special Seminar Series
“Harnessing network science to reveal our digital footprints”
Speaker: Jukka-Pekka Onnela (Harvard Medical School)
Location: E40-298
Time: 12:00pm-1:30pm

Tuesday, February 1, 2011
Innovation in Healthcare Symposium: Systems Thinking from Discovery to Delivery
Kresge Auditorium, MIT
(Co-hosted by CBI, ESD, and the MIT Biological Engineering Department)
For details go to: http://innovationinhealthcare2011.com/
Monday, February 7, 2011
Engineering Systems Research - Special Seminar Series
“Resource Allocation for Infectious Disease Control”
Speaker: Sabina Alistar (PhD candidate at Stanford University in the Management Science and Engineering department)
Location: E40-298
Time: 12:00pm-1:30pm

Also, FYI:
Thursday, February 3, 2011
Thomas Friedman – "Because There Is No Planet B"
New York Times columnist and author of Hot, Flat, and Crowded: Why We Need a Green Revolution—and How It Can Renew America. The format of the event is a conversation with President Hockfield, after which questions will be taken from the audience.
Time: 3:30pm-4:30pm
Location: W16 (Kresge Auditorium)
http://events.mit.edu/event.html?id=13573186&date=2011/2/3

Wednesday, February 16, 2011
Advanced Systems Engineering Lecture Series
“The Body of Knowledge and Curriculum to Advance Systems Engineering”
Speaker: Professor Art Pyster, Distinguished Research Professor, School of Systems and Enterprises, Deputy Executive Director, Systems Engineering Research Center, Stevens Institute of Technology
Location: Draper Laboratory - Conference Room 1409
Time: 10:30-11:30am

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