MIT School of Engineering Dean Ian Waitz has announced that Stephen C. Graves, the Abraham J. Siegel Professor of Management Science at MIT, has been appointed interim director of the Engineering Systems Division, effective September 1, 2012. Professor Graves succeeds Professor Joseph Sussman, who has served in this role for the last year. “Professor Graves has a very strong record of leadership and service at MIT,” wrote Waitz in an announcement to the ESD community. “I know that ESD will be in very good hands.” Dean Waitz also thanked Prof. Sussman for “for his exceptional, dedicated service to ESD, the School of Engineering, and the Institute.” Read more on the MIT website and the ESD website.

ESD is now seeking nominations for the first Daniel and Eva Roos Engineering Systems Dissertation Prize. Made possible by a gift from ESD Founding Director Professor Daniel Roos and his wife Eva Roos, the prize seeks to recognize a recent graduate of the MIT ESD doctoral program whose dissertation has made the greatest contribution of original and generalizable scholarship to the engineering systems field of study. Candidates must be September ’11, February ’12, or June ’12 graduates of the MIT ESD doctoral program. Letters of nomination should be sent to esdgrad@mit.edu, with "Roos Dissertation Prize" in the subject line, by Friday, September 28, 2012. Only one nomination per candidate, submitted by the doctoral committee chair. Inquiries: esdgrad@mit.edu, or 617-253-1182.

A new undergraduate class on system safety (16.63/ESD.03) is being offered this fall. This course, taught by Prof. Nancy Leveson, will teach students how to use state-of-the-art system engineering techniques to build safer systems. Leveson is the author of Engineering a Safer World (part of the MIT Press Engineering Systems Book Series).

Two LGO-affiliated faculty members and a colleague have won the System Dynamics Society's Jay Wright Forrester Award for the best contribution to the field of system dynamics during the past five years. The winning paper, "The Dynamics of Action-Oriented Problem Solving: Linking Interpretation and Choice," was written by J. Bradley Morrison, John Carroll and Jenny W. Rudolph and published in the Academy of Management Review in October 2009. The paper develops and tests a formal system dynamics model of sense-making and action, using anesthesia/surgery as the empirical setting. The data for the study come from simulated procedures carried out at Harvard Medical School's Center for Medical Simulation. Read more here.
PUBLICACIÓN


IN THE MEDIA

Bryan Reimer and Joseph Coughlin Offer Insights on “Driverless Cars”

Bryan Reimer quoted:
“Automakers Like Google’s Driverless Cars”
NBC Bay Area – August 17, 2012

“Who Needs a License? Self-driving cars coming our way”
Reuters – August 15, 2012

Blog entry by Joseph Coughlin:
“Will Robot Cars Get Stuck in Policy Traffic?”
Huffington Post – August 19, 2012

Also, Bryan Reimer quoted in article about the role of cellphones in auto crashes:
“Cellphones’ role in crashes doubted: Study says drivers, not cellphones, pose the accident risk”
The Boston Globe – August 27, 2012

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David Simchi-Levi quoted in article about manufacturing jobs and corporate tax rates
“Industry Seeks Tax Fix: Lower and Simpler Rates Should Be Washington’s Priority, Manufacturers Say”
The Wall Street Journal – August 19, 2012
(For full text of article, contact skoperni@mit.edu)

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John Hansman mentioned in article about local company Terrafugia (which aims to design a road-ready, drivable aircraft)
“Can a Woburn company’s flying car someday be a fix for traffic?”
Boston Globe Magazine – August 19, 2012

EVENTS

Wednesday, September 12, 2012
CTL Distinguished Speaker Series: Growing a Company from Scratch: The Fresh Diet Story
Zalmi Duchman, CEO, The Fresh Diet
Time: 4-5pm
Location: E51-315
More information at: http://ctl.mit.edu/events/dss_zalmi_duchman

Thursday, September 13, 2012
SDM Information Evening
Time: 6-9pm
Location: MIT Faculty Club
For further information, please feel free to email Amal Elalam at aelalam@mit.edu.
Monday, September 17, 2012
Dissertation Defense of Rhonda Jordan
Time: 10am
Room: TBD
Title: Incorporating Endogenous Demand Dynamics into Long-term Capacity Expansion Power System Models for Developing Countries
Committee: M. Webster (chair), R. de Neufville, J. Sterman, I. Perez-Arriaga

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