ESD NEWS

President Obama announced earlier this week that he intends to nominate Professor Ernest Moniz to head the U.S. Department of Energy (DOE). Read more here: "MIT’s Ernest J. Moniz nominated Secretary of Energy" (March 4, 2013 – MIT News Office; MIT website home page spotlight that day). This received coverage by all major American news outlets, as well as many international news outlets.

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Congratulations to Martore Award winners Nancy Leveson and the ESD Student Society, as well as to Daniel Livengood, the recipient of the inaugural Daniel and Eva Roos Engineering Systems Dissertation Prize. More details provided in these news items on the MIT website: “Leveson and ESD Student Society honored with Martore Awards” – February 28, 2013; “Livengood awarded inaugural Daniel and Eva Roos Engineering Systems Dissertation Prize” – February 28, 2013

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Vasco Portugal, a Sustainable Energy Systems PhD student in the MIT Portugal Program, co-developed with MIT student Jason Gao (MIT PhD – Computer Science) a prototype of a built-in sidewalk charger for the CityCar - the MIT Media Lab electric car. This prototype is featured at the main entrance of the Media Lab in the exhibition Wheels + Legs until May 31st. Read press release.

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The Sixth Conference of MIT’s Learning International Networks Consortium will be from June 16th-19th at MIT. The paper submission deadline is March 17, 2013. Read about the call for papers here.

PUBLICATION


WORKING PAPERS

Two new working papers have been added to the ESD Working Paper Series:

Too Many Ph.D. Graduates or Too Few Academic Job Openings: The Basic Reproductive Number $R_0$ in Academia
IN THE MEDIA

Major media coverage around the announcement of Prof. Moniz as nominee for Secretary of Energy; a very small sampling of the coverage includes:

“A look at Ernest J. Moniz”
The Boston Globe – March 5, 2013

“Energy-Post Candidate Led Study Favoring Natural-Gas Exports”
Wall Street Journal – March 5, 2013

“EPA, Energy Department can tackle climate change on several fronts” (includes video)
Washington Post – March 5, 2013

“Obama’s choices to lead EPA and Energy reflect his climate views”
Los Angeles Times – March 4, 2013

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Coverage of Jessika Trancik’s research aiming to determine how quickly technologies will advance

“How to predict the progress of technology”
MIT News Office – March 6, 2013

“Moore’s law is not just for computers”
Nature – March 5, 2013

Read the paper: “Statistical Basis for Predicting Technological Progress” – PLOS ONE - Béla Nagy, J. Doyne Farmer, Quan M. Bui, Jessika E. Trancik

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Thomas Kochan talks about labor unions

“Professor Kochan speaks about four ideas labor unions should consider if they want to survive”
News@MIT Sloan – March 4, 2013

“Will Labor Unions Survive?” (audio)
Radio Boston – WBUR – February 27, 2013
Article by Steve Eppinger taking a systems engineering view of Boeing’s 787 Dreamliner
“A systems engineering view of the Boeing 787 Dreamliner”
MIT Sloan Experts (MIT Sloan website) – March 4, 2013

MIT AgeLab’s Joe Coughlin interviewed in article about behavioral economics
"How Industry Experts Are Making Sense of Behavioral Economics"
Bank Investment Consultant – March 1, 2013

Article on parking app developed by team that included Robert Hampshire (MLK Visiting Assistant Professor, ESD)
“Smartphone apps put parking spots at your fingertips”
USA Today – March 3, 2013

EVENTS

Monday, March 11, 2013
SDM Systems Thinking Webinar
The Crises In Employment, Consumption, Economic Growth, and the Environment: Could a Shorter Workweek and a Greener Economy Provide Relief?
Nicholas A. Ashford, PhD., JD Professor of Technology and Policy, MIT; Director, MIT Technology and Law Program
Time: 12pm–1pm

Tuesday, March 12, 2013
ESD Faculty Lunch
Jessika Trancik – research presentation – Modeling the dynamic performance of energy technologies
Time: 12-1pm
Location: E40-298

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