ESD digest
December 9, 2011

ESD NEWS

ESD researcher Dr. Qi Van Eikema Hommes has been invited to present her assessment of the Automotive Functional Safety Standard ISO 26262 at the SAE Government/Industry meeting on January 25, 2012, in Washington, DC. ISO 26262 is the first automotive safety standard that addresses the safety of the growing number and complexity of electronics and embedded control systems on modern vehicles. However, this standard is deeply rooted in reliability engineering approaches and lacks systems thinking for safety assurance. Dr. Van Eikema Hommes will provide assessments to the National Highway Traffic Safety Administration (NHTSA) and automotive industry representatives on what needs to be changed/improved in the standards in order to assure the safety of the increasing amount of automation on modern vehicles. A link to the conference and the specific session is available here.

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The Journal of Enterprise Transformation (JET) issue four, Enterprise Transformation in Action, is now available online. JET is a collaboration between INCOSE and IIE, and LAI Co-Director Prof. Deborah Nightingale and Assoc. Prof. Ricardo Valerdi (The University of Arizona) are co-executive editors. Nicolene Hengen, LAI Director for Strategy and Sponsor Relations, serves as managing editor.

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LAI researchers Dr. Josef Oehmen and Dr. Eric Rebentisch and former visiting scholar Kristian Kinscher have completed the latest whitepaper in the LAI series Lean Product Development for Practitioners. The new whitepaper, Program Management for Large Scale Engineering Programs, is a compilation of LAI’s accumulated contributions to advanced program management.

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The December LGO alumni newsletter is available online.

IN THE MEDIA

Research by Richard Larson and Stan Finkelstein on non-pharmaceutical interventions to help minimize the spread of flu

“How to stop the flu”

MIT News – December 7, 2011 (MIT homepage spotlight)
Also picked up by:

BostInno – December 7, 2011
Staying Power: Six Enduring Principles of Managing Innovation in an Uncertain World by Michael Cusumano named one of the best business books of 2011 by strategy+business magazine
“MIT Sloan professor and alumnus earn places on year-end best books list”
MIT News – December 6, 2011

Article about product design mentions Eric von Hippel and his book Democratizing Innovation
“What’s the truth about how Coke’s bottle design came about?”
Inquirer Business - December 9th, 2011

The book Beyond the Lean Revolution: Achieving Successful and Sustainable Enterprise Transformation (authors Deborah J. Nightingale and Jayakanth Srinivasan) featured in CIO Insight
“IT Management Slideshow: Leading a Lean Revolution”
CIO Insight – December 2, 2011

Article about fall 2010 symposium honoring David Marks
“Symposium honors David H. Marks”
Energy Futures – MIT Energy Initiative – Autumn 2011

EVENTS

Monday, December 12, 2011
SDM Systems Thinking Webinar Series
Using Lean Thinking to Transform a Large Academic Medical Center
Time: 12-1pm
John E. Billi, MD - Professor of Internal Medicine and Medical Education and Associate Dean for Clinical Affairs, University of Michigan Medical School; Associate Vice President for Medical Affairs, University of Michigan

Tuesday, December 13, 2011
ESD Faculty Lunch
ESD PhD program admissions and user training for the new EECS systems
Time: 12-1pm
Location: E40-298

Friday, December 16, 2011
Time: 12-1:30pm
Location: E53-482 (Millikan Room)
Professor Susan Helper, Chair of Economics and AT&T Professor of Economics Case Western University co-hosted by Production in the Innovation Economy (PIE) | Industrial Performance Center (IPC)
Lunch will be served. RSVP by 12/14/11: ksearle@mit.edu
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