ESD NEWS

Valerie Karplus wins award for paper submitted to the USAEE/IAEE North American Conference
The USAEE/IAEE and the Dennis J. O’Brien Best Paper Awards committee selected Karplus’ paper, submitted for the 29th USAEE/IAEE North American Conference, for a student paper award. In addition to receiving this award, Karplus (an ESD PhD student) is one of the four recipients eligible to compete for the "Best Paper Award" at a special conference session.

Danielle Wood receives student award at NASA IT Summit
ESD PhD student Danielle Wood was among those honored at a recent NASA conference that brought together NASA’s Information Technology community. She received an award that "recognizes undergraduate/graduate students for their use of technology in inspiring the K-12 and peer community through NASA-related outreach activities and educational interactions." Wood serves as a NASA Student Ambassador and participates in a number of NASA student programs. During the IT Summit, she gave a talk about her research on "Building Technological Capability in Developing Country Satellite Programs." [http://www.nasa.gov/offices/ocio/itsummit/awards.html](http://www.nasa.gov/offices/ocio/itsummit/awards.html)

MIT Lean Advancement Initiative (LAI) student team ties for grand prize in systems engineering design competition
Stevens Institute of Technology has awarded a $7,500 prize to an LAI student team that designed one of two winning entries in its 2010 Experience Accelerator Design Competition. The LAI team, which included MIT students John Hess, Ivan Dimitrov, and Nathan Perkins, designed the winning entry, Healthcare Reborn. [http://lean.mit.edu/news/962-lai-student-team-selected-for-design-playoffs](http://lean.mit.edu/news/962-lai-student-team-selected-for-design-playoffs)

MIT Lean Advancement Initiative and MIT Collaborative Initiatives partner with US Military Health System

Journal of Enterprise Transformation issues call for papers
IN THE MEDIA

Jarrod Goentzel on New Hampshire Public Radio show about wind power
“What’s Happening with Wind?”
The Exchange (NHPR) – August 18, 2010
Listen online: http://www.nhpr.org/node/33582

Steven Spear authors an article on Toyota
“Re-Igniting Innovation to Restore Toyota’s Competitive Edge”
Quality Magazine – August 13, 2010
http://www.qualitymag.com/Articles/Web_Exclusive/BNP_GUID_9-5-2006_A_10000000000000881627

S-Lab included in feature on best online courses (John Sterman co-teaches this, along with Rick Locke and Sarah Slaughter of MIT Sloan)
“6 Free Online Courses to Beef Up Your Resume”
Wall Street Journal Smart Money Blog – (originally posted in April 2009)
http://www.smartmoney.com/personal-finance/employment/6-free-online-courses-to-beef-up-your-resume/

PUBLICATION
Jaemyung Ahn, Olivier de Weck, “Mars Surface Exploration Caching from an Orbiting Logistics Depot,”
Journal of Spacecraft and Rockets, 47 (4), 690-694, July-August 2010 (DOI: 10.2514/1.37694)
http://www.aiaa.org/content.cfm?pageid=322&lupubid=25

Note: Also, the 2006 paper below has become one of the most cited papers in the journal Systems Engineering:
“Assessing Risks and Opportunities of Technology Infusion in System Design,” Rudolf Smaling and Olivier de Weck, published online in Wiley InterScience

WORKING PAPERS

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

by Kirkor Bozdogan, Center for Technology, Policy and Industrial Development, Massachusetts Institute of Technology

“Towards an Integration of the Lean Enterprise System, Total Quality Management, Six Sigma and Related Enterprise Process Improvement Methods”
by Kirkor Bozdogan, Center for Technology, Policy and Industrial Development, Massachusetts Institute of Technology

View these and other papers in the series online.

EVENTS

Monday, August 23, 2010
MIT Portugal Special Seminar
“On Delay, Energy, and Rate Interplays in Network Coding”
Daniel E. Lucani,
Instituto de Telecomunicações, Universidade do Porto
Time: 1-2 pm
Location: Allen Room (36-462)
http://www.google.com/calendar/event?eid=Mzl3cHVTmjJudDNyMDU3YmRzZDIrb3ZlbWcgZXNkbWI0QG0&ctz=America/New_York

Tuesday, August 31, 2010
MIT Portugal Visiting Scholar Lecture Series
“Approaching Malaria from the Host Side”
Maria M. Mota, PhD
Howard Hughes International Scholar
Malaria Unit, Institute for Molecular Medicine
University of Lisbon, Portugal
Location: E14, Room 633
Time: 4-5pm
http://events.mit.edu/event.html?id=11620763&date=2010/8/31

Tuesday, September 7, 2010
ESD Registration Day BBQ
Time: 4pm – 6pm
Location: Johnson Athletic Center Patio - W34

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