ESD NEWS

This year, the MIT Supply Chain Management (SCM) program started a new scholarship program called the MIT Supply Chain Excellence Award, offering up to $20,000 for promising undergraduate supply chain/industrial engineer majors. This scholarship program requires its winners to gain 3-5 years of experience in the workforce before coming to MIT to get their master’s degree in the SCM program. SCM has already awarded Penn State undergrads Courtney L. Quisenberry, Lindsey M. Joyce, Samantha R. Jarmul, and on September 23, SCM awarded two more scholarships to students from Lehigh University, Amber R. Marciano and Christos W. Rallis.

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On Tuesday, October 8, Byeng Dong Youn (Associate Professor, School of Mechanical and Aerospace Engineering, Seoul National University) will present the talk “A New System Design Paradigm under Uncertain and Adverse Events: Resilience” at 5pm in E40-298.

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Reminder: MIT Center for Biomedical Innovation (CBI) and the Global Biological Standards Institute (GBSI) are co-hosting a one-day conference on the growing role of standards in biotechnology on October 1, 2013. The conference will feature multiple expert-led panel discussions and presentations from distinguished members of academia, government and regulatory agencies and industry leaders. Learn more and register here.

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Reminder: MIT System Design and Management Program will present its annual Conference on Systems Thinking for Contemporary Challenges on October 10, 2013 in Wong Auditorium. The title of the event this year is “A Systems Approach to Big Data: Going beyond the Numbers.” View full agenda here.

PUBLICATION


WORKING PAPER

This new paper has been added to the ESD Working Paper Series:
Prospects for grid-connected solar PV in Kenya: A simulated economic and operational feasibility study

Amy Rose
(corresponding author)
Doctoral Student, MIT Engineering Systems Division

Robert J. Stoner
Deputy Director, MIT Energy Initiative

Ignacio Pérez-Arriaga
Visiting Professor, MIT Center for Energy and Environmental Policy Research (CEEPR)
Professor & Director of the BP Chair on Energy & Sustainability, Instituto de Investigacion Tecnologica (IIT), Universidad Pontificia Comillas

IN THE MEDIA

Extensive coverage of last week’s Production in the Innovation Economy (PIE) conference

Some of the coverage:

“Achieving an innovation nation: MIT report emphasizes need to turn U.S. innovation strengths into growth.”
MIT News – September 24, 2013

“MIT study: U.S. needs to step up manufacturing”
Boston Herald – September 21, 2013

“Innovation Initiative: Manufacturing focus of new initiative”
MIT Tech - September 24, 2013

“MIT: With Loss of Manufacturing the U.S. Innovation Engine Is No Longer Working”
Manufacturing & Technology News – September 25, 2013

Watch video about PIE here.

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Sandy Pentland talks about the impact of big data
“How Exactly, Is Big Data Going to Change the World?” (video)
Scientific American – Online – September 17, 2013

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Article about DARPA grant awarded to MIT’s Biomanufacturing Research Program
“MIT team gets $10.4M to make biologic drugs quickly for battlefield use”
Boston Business Journal – September 18, 2013

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Dava Newman participated in the Business Innovation Factory summit
“Take a look back at the first day of Business Innovation Factory summit” (includes videos)
Providence Journal – September 18, 2013
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Fred Moavenzadeh (President, Masdar Institute of Science and Technology) named Education CEO of the Year by the Gulf Business Industry Awards
“Masdar Institute President Named (Education CEO of the Year 2013)"
September 24, 2013 – Masdar Institute website

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LGO faculty member Zeynep Ton quoted in article about wages in the fast food industry
“Fast food restaurants don't need to pay starvation wages”
Salon.com – September 11, 2013

This article mentions her forthcoming book: The Good Jobs Strategy: How the Smartest Companies Invest in Employees to Lower Costs and Boost Profits

Also, view Professor Ton’s TEDxCambridge talk on this topic.

EVENTS

Tuesday, October 1, 2013
MIT’s Center for Biomedical Innovation’s Biotechnology & Standards Conference
Title: The Prospects for a Life Sciences Standards Revolution
Location: MIT Media Lab, 75 Amherst Street – 6th floor
This is a day-long conference and is open to the public. Registration is required.

Tuesday, October 1, 2013
ESD Faculty Lunch
Sanjay Sarma will join us to speak about the Task Force on the Future of MIT Education.
Time: 12-1pm
Location: E40-298

Wednesday, October 2, 2013
ESS Doctoral Symposia
Speaker: Julio Alberto Pertuze Salas
Title: Strategic Change and the Coevolution of Industry-University Relationships
Time: 12-1pm
Location: E40-262
Lunch available. RSVP here (requires MIT certificate)

Wednesday, October 2, 2013
The MIT Sociotechnical Systems Research Center (SSRC) continues its series, “Conversations on Sociotechnical Systems.”
Dr. VA Shiva Ayyadurai presents: “Rethinking Narratives and Systems for Innovation: Innovation Any Time, Any Place by Anybody”
Time: 4:15-5:30pm
Location: E38-615
Light refreshments will be served.

Tuesday, October 8, 2013
ESD Faculty Lunch
Time: 12-1pm
Location: E40-298
Tuesday, October 8, 2013
A New System Design Paradigm under Uncertain and Adverse Events: Resilience
Speaker: Byeng Dong Youn, Associate Professor School of Mechanical and Aerospace Engineering, Seoul National University
Time: 5-6pm
Location: E40-298

Thursday, October 10, 2013
2013 MIT SDM Conference on Systems Thinking for Contemporary Challenges: A Systems Approach to Big Data: Going Beyond the Numbers
Location: Wong Auditorium
This annual event focuses on addressing complexity and innovation in industry, academia, government, and the world at large. Speakers from multiple disciplines will provide practical information on how to apply systems thinking to address complex challenges in any domain.

Thursday, October 10, 2013
SDM Information Evening
Time: 6-9pm
Location: Bush Room (10-105)
For further information please feel free to email Chris Bates at cbates@mit.edu.

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