ESD NEWS

Yossi Sheffi’s latest LinkedIn Influencer post, “World Cup Plays That Build Winning Supply Chain Teams,” draws lessons from the 2014 World Cup that are relevant to supply chain leaders.

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2014 SCM alumni Brad Gilligan and Huiping Jin had a summary of their master’s thesis research featured on Supply Chain Management Review’s website here: “MIT Research: How to Cut Costs by Improving Product Punctuality.”

WORKING PAPERS

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

**An Extension of Dematerialization Theory: Incorporation of Technical Performance Increases and the Rebound Effect**

Christopher L. Magee  
Professor of the Practice, Engineering Systems Division and Mechanical Engineering, MIT  
Co-Director, SUTD/MIT International Design Center

Tessaleno C. Devezas  
Associate Professor, Faculty of Engineering, University of Beira Interior

**Quantitative empirical trends in technical performance**

Christopher L. Magee  
Professor of the Practice, Engineering Systems Division and Mechanical Engineering, MIT  
Co-Director, SUTD/MIT International Design Center

Subarna Basnet  
Graduate Student, Mechanical Engineering Department, MIT

Jeffrey L. Funk  
Associate Professor, School of Engineering, National University of Singapore

Christopher L. Benson  
Post-doctoral Associate, International Design Center, MIT
PUBLICATIONS


IN THE MEDIA

Ken Oye talks about new article in Science, “Regulating Gene Drives”
“3 Questions: Kenneth Oye on the regulation of genetic engineering”
MIT News – July 18, 2014 – MIT homepage spotlight article

Read the paper: “Regulating Gene Drives” – Kenneth Oye, Kevin Esvelt, Evan Appleton, Flaminia Catteruccia, George Church, Todd Kuiken, Shlomiya Bar-Yam Lightfoot, Julie McNamara, Andrea Smidler, & James P. Collins – Science Magazine

Read a related paper on technical aspects: “Concerning RNA-guided gene drives for the alteration of wild populations” – Kevin M Esvelt, Andrea L Smidler, Flaminia Catteruccia, George M Church – eLife

Listen to related Science Podcast

Additional coverage:
“Genetically Engineering Almost Anything” – NOVA – PBS

“US Researchers Call for Greater Oversight of Powerful Genetic Technology” – Science News – Science

“Genetic Engineering to the Rescue of Endangered Species?” – National Geographic


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Article about MIT BLOSSOMS
“Putting Teachers at the Center of Education Technology”
Slate.com – Future Tense – July 2014

Also included in the July 17, 2014 issue of First Bell (newsletter of ASEE)

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Richard Larson quoted in piece on queue theory
“What’s Up With That: Why You Always Seem to Choose the Slowest Line”
WIRED – July 15, 2014

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Coverage of paper co-authored by Sandy Pentland
“MIT-designed system lets you take control of your data”
Wired (UK version) – July 10, 2014

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John Hansman quoted in article about TSA concerns about cell phones
“Here’s Exactly Why the TSA Is Worried About Your Phone” (includes video)
TIME – Online – July 8, 2014

Also, Hansman quoted in this article:
“What will be the legacy of Asiana Airlines Flight 214?” (includes video)
CNN.com – July 7, 2014

EVENT

Monday, July 21, 2014
SDM Systems Thinking Webinar
SDM alum Andres Kutt, former chief evangelist at Skype and now head software architect of the Republic of Estonia
Time: 12-1pm

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