

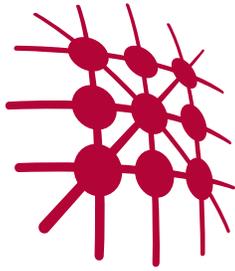
RESEARCH EXPO 2014

Jan 22 2014, 4:30-8:00pm



MIT GLOBAL
SCALE NETWORK

MIT Media Lab (E14)
75 Amherst St, Floor 6
Cambridge, MA 02139



MIT GLOBAL SCALE NETWORK

SCM

MASTER OF ENGINEERING IN LOGISTICS
MIT CENTER FOR TRANSPORTATION & LOGISTICS - CAMBRIDGE, MA, USA

ZLOG

MIT ZARAGOZA MASTER IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT
ZARAGOZA LOGISTICS CENTER - ZARAGOZA, SPAIN

MSCM

MIT MALAYSIA MASTER OF SCIENCE IN SUPPLY CHAIN MANAGEMENT
MALAYSIA INSTITUTE FOR SUPPLY CHAIN INNOVATION - SHAH ALAM, MALAYSIA

GCLOG

GRADUATE CERTIFICATE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT
CENTER FOR LATIN-AMERICAN LOGISTICS INNOVATION - BOGOTÁ, COLOMBIA

Schedule

Poster session runs from 4:30 - 8:00 pm. Note: Research briefings occur in three 45-minute sessions.

4:30 pm Registration

5:00 - 5:45 pm

- | | |
|-----------------------|--|
| 5:00 - 5:15 pm | Research Brief
<i>Humanitarian Response Lab - Supply Chains to Save Lives and Improve Livelihoods</i>
Dr. Jarrod Goentzel |
| 5:15 - 5:30 pm | Research Brief
<i>Hi-Viz Project - Visualization of Global Supply Chain Flows & Identification of Risks</i>
Dr. Bruce Arntzen |
| 5:30 - 5:45 pm | Research Brief
<i>Logistics Clusters as Economic Engines</i>
Dr. Yossi Sheffi |

6:00 - 6:45 pm

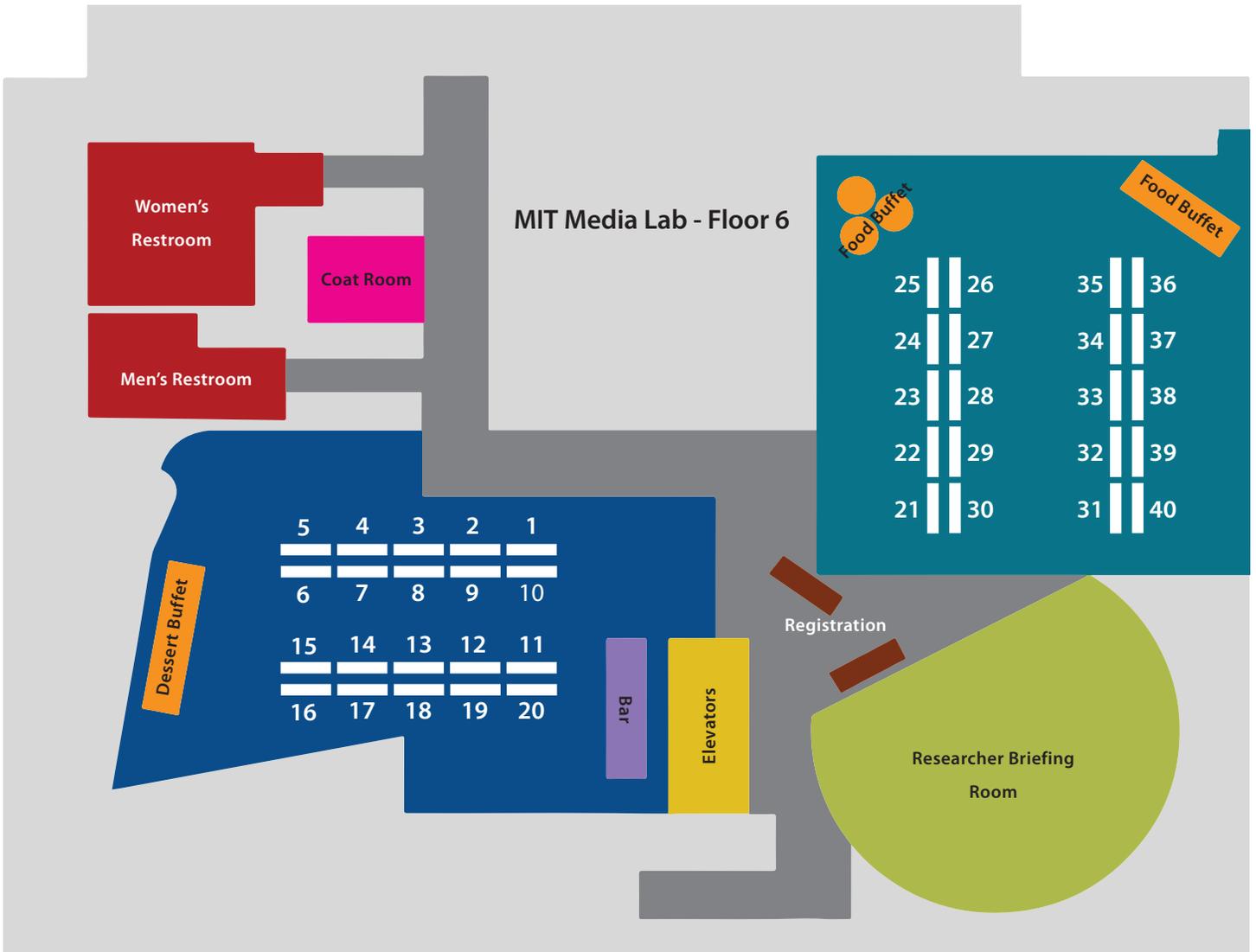
- | | |
|-----------------------|--|
| 6:00 - 6:15 pm | Research Brief
<i>Demystifying Supply Chain Innovation</i>
Mr. James B. Rice |
| 6:15 - 6:30 pm | Research Brief
<i>Rethinking Supply Chain Strategies</i>
Dr. Roberto Perez-Franco |
| 6:30 - 6:45 pm | Research Brief
<i>Measuring the Carbon Footprint of Freight: Standards and Tools</i>
Dr. Tony Craig |

6:45 - 7:00 pm Thesis Project Poster Awards

7:00 - 7:45 pm

- | | |
|-----------------------|--|
| 7:00 - 7:15 pm | Research Brief
<i>Megacity Logistics Lab: Better Logistics for Cities, Better Cities for Logistics</i>
Dr. Edgar E. Blanco |
| 7:15 - 7:30 pm | Research Brief
<i>FreightLab Initiatives - Covering the Procurement, Design, and Management of Freight Transportation Systems</i>
Dr. Chris Caplice |
| 7:30 - 7:45 pm | Research Brief
<i>Barriers and Opportunities in Environmentally Sustainable Supply Chains</i>
Dr. Alexis Bateman |

Floorplan & e-Poster Directory



Note: There are 2-3 posters per display. Posters will revolve every 20 minutes.

- | | |
|--|--|
| <p>1a Demand Leveling in Food Packaging Industry
Nitipum Silawanna, MSCM</p> <p>1b Packaging & Palletizing Design: Streamlining Flow of UN Humanitarian Relief
Bea Querido, ZLOG</p> <p>1c Strategic Initiatives: How to Improve Performance in a Retail High-Low Operation?
Marcelo Maia, GCLOG</p> <p>2a Optimal Quality Assurance for Mass Production Apparel Industry
James O'Connell, MSCM</p> <p>2b Improving a Service Process in Banking
Javier Gonzalo Villalba, GCLOG</p> | <p>3a Inventory Management - Health Products Retailer
Priscila Lelis, GCLOG</p> <p>3b Exploring Distribution Network Strategy
Arun Bhardwaj, MSCM</p> <p>3c Managing Flexibility with Demand Forecasting
Maria Gabriela Kirigin, GCLOG</p> <p>4a Agility Through Postponement
Shishir Gupta, ZLOG</p> <p>4b Engineer-to-Order Service Supply Chain
Muhammad Farhan Syed, MSCM</p> <p>4c Looking for Signals: An Approach for Identifying the Leading Indicators for Scenario Monitoring
Summer Xu, SCM</p> |
|--|--|

- 5a** Defining the Best Transportation Model for Ambev in Brazil
Daniel Lopes, GCLOG
- 5b** Cold Chain in China: An Evaluation Framework
Prashant Kumar, MSCM
- 5c** Urban Waste as Alternative Fuel for Cement Industry
Yuka Akasaka, GCLOG
- 6a** Customization in CPG Supply Chain
Seong Hee Chae, MSCM
- 6b** S&OP Implementation in Automotive Spare Parts Company
Sergio Moreno, GCLOG
- 6c** Considering CO₂ Emissions on Vehicle Routing
José Cohen Shaooli, GCLOG
- 7a** Qualitative Demand Forecasting: Key Factors that impact the After-Market Business
Gevorg Davtyan, ZLOG
- 7b** Improving the Accuracy Control of the Driver's Logbook
Elisa Nunes Eroles, GCLOG
- 8a** Long Term Strategy for Raw Sugar Transportation
Vanessa Azevedo, GCLOG
- 8b** Evolution of Mega Suppliers in Automotive Industry
Jiajun Wang, MSCM
- 8c** Last Mile Strategy for Nanostores in Megacity
Xiaodan Pan, SCM
- 9a** Matching Supply and Demand in an Online Service Company
Agustin Casado, GCLOG
- 9b** 3D Printing
Varun Bhasin & Raheel Bodhla, SCM
- 10a** 3D Printing Your Supply Chain
Hala Jalwan & Greg Israel, SCM
- 10b** Improvements in Warehouse Processes Increasing Financial Surplus
João Francisco Toqueti, GCLOG
- 11a** Inflight Demand Forecasting
Daniel Liman, MSCM
- 11b** Economic Impact of Freight Restrictions
Matheus Gratz, GCLOG
- 12a** Improving Supply Stability
Jorge Estévez & Antonio Santisteban, ZLOG
- 12b** China 2020 - Biologic Medicine Supply Chain
Yen-Chen Huang, MSCM
- 13a** Direct To Store: A Growth Strategy
Amit Panditrao & Kishore Adiraju, SCM
- 13b** How to Retain SC Talent in Your Organization
Marcelo Nadruz, GCLOG
- 14a** Motorcycles for Last-Mile Delivery
Amanda Fernandes Ferreira, GCLOG
- 14b** Reducing Variability in Order Quantity
Sanchit Aggarwal, MSCM
- 15a** Reducing Supplier Delivery Uncertainty: Case of a Colombian CPG Manufacturing Company
Juan David Restrepo, GCLOG
- 15b** New Product Forecasting in Volatile Markets
Jason Shin & Alex Baldwin, SCM
- 16a** Multiple Sources Reorder Point Policies
Klaus Holzhey, GCLOG
- 16b** Real-Time Order Acceptance Under Uncertainty
Hiral Nisar & Josh Rosenzweig, SCM
- 17a** Measuring Impact of Optimization in a Maritime System
Daniel Mota, GCLOG
- 17b** Framework for Cold Chain Implementation: Vegetable Value Chain Study
Shekhar Raiwani, MSCM
- 18a** Manufacturing Effectiveness vs Pharmaceutical Stock-Outs
Bangqi Yin & Benny Sun, SCM
- 18b** Forecast Software Selection Process for the Fertilizer Industry
Christian Scelfo, GCLOG
- 19a** Improve the Delivery Performance of Newspapers
Ronald Rojas, GCLOG
- 19b** Decoupling Points in New Products
Jen-Liang Wang, MSCM
- 20a** Transport Optimization by a 3PL in South America
Andrés Rey, GCLOG
- 20b** Transport Optimization for City Logistics in Emerging Countries
Do Huy Binh, MSCM
- 21a** EU & APAC Contingency Planning for Retail
Alfonso Robles & Robert Severson, ZLOG
- 21b** Creating an LTL Emissions Standard
Guilherme Aguiar & Mark Woolard, SCM
- 22a** Boosting Business Performance Through Demand Planning and S&OP
Federico Catalano, GCLOG
- 22b** Effectiveness in Responding to Disaster
Abhay Khare, MSCM
- 23a** Mitigating Disruption Risk
Rainy Lu & David Xia, SCM
- 23b** Impact of Trends on BASF strategies
Rafael Santos & Chih-Yi Su, ZLOG
- 24a** Reverse Logistics for Tech Devices
Rodrigo Miranda, GCLOG
- 24b** Measuring Supply Chain Compliance in the Pharmaceutical Industry
Nikhil Dandekar & José Ramón Quintana, ZLOG
- 25a** Inventory Efficiency vs Risk Mitigation
Christine Huang & Jerry Liu, SCM
- 25b** Designing and Implementing a New Distribution Structure
Juan Carlos Benalcázar, GCLOG

- 26a** Routing with Congestion Avoidance in México City
Gustavo Alberto López & Elisa Gonzalez, GCLOG
- 26b** Practical Resiliency - Strategy Versus Execution
Alexander Cope & Liqing Yuan, SCM
- 27a** Inventory Management for Mining in Chile
María Sánchez Pagano, GCLOG
- 27b** Supply Chain Network Design for Sub-Saharan Africa
Adekunle Kehinde & Andrew Machado, ZLOG
- 28a** Resilient Fashion
Sandy Lee & Arthur Chee, SCM
- 28b** Optimizing Ice Cream Delivery
Magdalena Alvarez de Toledo & Alejandro Perez Santillán, GCLOG
- 29a** Reduction of Total Cycle Time
Arunangshu Ghatak & Chenyao Liu, ZLOG
- 29b** Integrating a 4PL into the Cosmetics Industry
Veronica Cristina Torres Sanchez, GCLOG
- 30a** End-to-End Global Management System
Raúl Prades & Wheedong Lee, ZLOG
- 30b** Replenishment Management of Outsourced Markets for Pharmaceutical Industry
Alejandro Chaqués & Aditya Viswanath, ZLOG
- 31a** Managing Stock Availability in East Malaysia
Tabiash Shandab, MSCM
- 31b** Yarns Raw Material Procurement Strategy: Ecuadorian Case
Andrés Tafur, GCLOG
- 32a** Organizational Structure to Support Business Growth
Manish Sharma, MSCM
- 32b** Visualizing Supply Chain Risk
Ranjana Ninan & Chris Wang, SCM
- 33a** Customer Collaboration: A How To
Hacı Ahmet Kurtaran, MSCM
- 33b** Tie Inspection Model at BNSF
Ali Sarmadi Rad & Juan Carlos Gomez Vidrios, SCM
- 34a** Weather-Related Information in Humanitarian Response
Romina Andreani & Vinícius Picanço Rodrigues, GCLOG
- 34b** Time Postponement in Apparel Industry
Soham Basu, MSCM
- 35a** Inventory Policy for Cosmetics Products
Raúl Portero, GCLOG
- 35b** Perfecting Visibility with Retailer Data
Hang Shi & Daniele Primavera, SCM
- 36a** Innovation Strategies in Chemical Supply Chain
Abhishek Mudholker, MSCM
- 36b** Inbound Quality Certification
Tyler Haley & Hossein Nasser, SCM
- 37a** Network Design Solution for Specialty Stores in México City
Andrea Barreto, GCLOG
- 37b** Carrier Strategies in the Spot Market
Jeff Leopando & Kyle Rocca, SCM
- 38a** A Simulation Model for the Bike-Sharing Balancing Problem
Rodolfo Santos Silva, GCLOG
- 38b** Global Retail SKU Segmentation
Brad Gilligan & Huiping Jin, SCM
- 39a** Transportation Cost Reduction Through Collaboration
Plinio Carraro, GCLOG
- 39b** Sustainability and Carbon Tracking Model
Aamil Shakri, MSCM
- 40a** Flexible Scheduling in a CPG Company
Alejandro Perez Santillán, Francisco Tablado & Natalia Ardila, GCLOG
- 40b** Access to Medicines in Africa
Chelsey Graham & Ricardo Ghera, SCM

MIT Technology Review

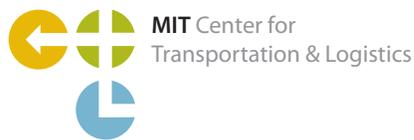
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