research expo 2016

MIT GLOBAL SCALE NETWORK

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

January 20, 2016
5:00-8:00pm

Over 100 supply chain master's students from the **MIT Global SCALE Network** showcase their thesis projects sponsored by

BASF · C.H. Robinson · Cintas · Coyote Logistics · CVS Health · Genentech · GlaxoSmithKline · Hershey's · Johnson & Johnson · Procter & Gamble · Schlumberger · Starbucks · Unilever · Walmart · and many more

Vote for the best thesis poster!

You can use your mobile device to quickly and easily vote online for the best thesis poster. Voting will close at **7:15pm**. Winners will be announced at **7:30pm**.

Please visit **http://scalevote.mit.edu** to cast your votes or scan the following QR code with the camera on your mobile device to be automatically taken to the voting site:

Best Thesis Poster Awards sponsored by:

ISM - Greater Boston, Inc.

www.ismgb.org

Schedule

Registration opens at 4:30 pm. Each display stand features two posters. Posters are divided into **A** and **B** groups, and will revolve every 30 minutes. **Voting for the Best Thesis Poster will close at 7:15pm.**

4:30 - 5:00 pm	Group A posters are displayed.
5:00 - 5:30 pm	Group B posters are displayed.
5:30 - 6:00 pm	Group A posters are displayed.
6:00 - 6:30 pm	Group B posters are displayed. **Opening remarks from 6:00-6:15pm.**
6:30 - 7:00 pm	Group A posters are displayed.
7:00 - 7:30 pm	Group B posters are displayed. **Voting closes at 7:15pm.**
7:45 - 8:00 pm	Best Thesis Poster Awards announced.

MIT GLOBAL **SCALE** NETWORK

SCM
Master of Engineering in Logistics
MIT Center for Transportation & Logistics - Cambridge, MA, USA

ZLOG
MIT Zaragoza Master of Engineering in Logistics and Supply Chain Management
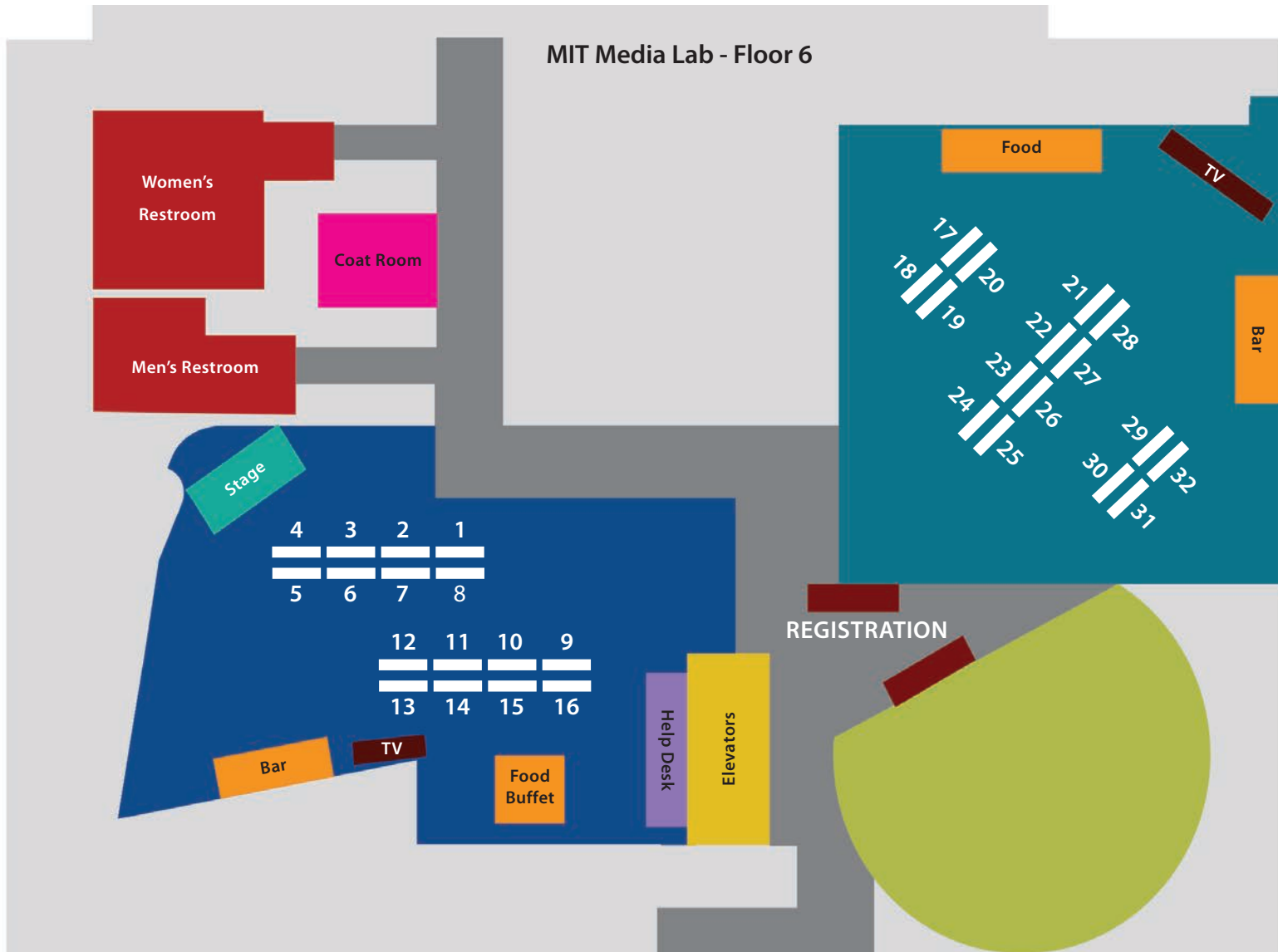Zaragoza Logistics Center - Zaragoza, Spain

MSCM
MIT Malaysia Master of Science in Supply Chain Management
Malaysia Institute for Supply Chain Innovation - Shah Alam, Malaysia

GCLOG
MIT Graduate Certificate in Logistics and Supply Chain Management
Center for Latin-American Logistics Innovation - Bogotá, Colombia

Floorplan & e-Poster Directory

MIT Media Lab - Floor 6

Women's Restroom

Coat Room

Men's Restroom

Food

TV

Bar

17 20 18 19 21 28 22 27 23 26 24 25 29 32 30 31

Stage

4 3 2 1
5 6 7 8

12 11 10 9
13 14 15 16

REGISTRATION

Bar

TV

Food Buffet

Help Desk

Elevators

NOTE: There are two posters per TV display. Posters will revolve every 30 minutes.
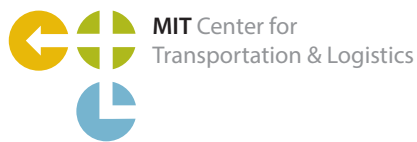
	GROUP A (4:30, 5:30, 6:30 pm)	GROUP B (5:00, 6:00, 7:00 pm)
1	Optimization of HR for Random Demands Jorge Santos & Maria Garola, GCLOG	Demand Forecasting in Projects and Services Sachin Shedge, MSCM
2	Improving Traceability for Better Performance Sadaf Zaidi & Sekar Widyastuti Pratiwi, MSCM	The Big Hub Theory Agnes W. Maina & Sneha Susan Jacob, MSCM
3	Mobilizing Project-Driven Supply Chains Sze Xin Mok & Ruggero Moretto, SCM	Unlocking Value Added Services in Bio-pharmaceutical Industry Raúl Carrasco & Swagat Panda, ZLOG
4	Obsolescence Reduction through Product Segmentation Ranjani Rajan & Ying Wang, SCM	Order-Picking: Take 2? Eunji Han & Stephanie Chen, SCM
5	Double Trouble: Inventory Splits & Tax Consolidation Abraham Zamcheck, SCM	Conquer The Stock-out Menace Alankrita Nigam, SCM
6	AUG: Decoding the Secret to Faster mRNA Production Mimi Tsai, SCM	Characterization of Retail through Surveys Fernando Gallardo & Noelia Tastets, GCLOG

	GROUP A *(4:30, 5:30, 6:30 pm)*	GROUP B *(5:00, 6:00, 7:00 pm)*
7	Collaborative Inventory Management in Massive Demand Adrian Markesz, GCLOG	Vendor Managed Inventory Stratification Tool Ariel Alejandro Kozakevich, GCLOG
8	F&B Supply Chain Performance Measurement Sara Ahmad Hashmi & Zhang Weiwei, MSCM	Water: Pricing the Priceless Rishi Gohil & Maria Carolina Mendez Vives, SCM
9	Decision Framework for Localization Mahesh Yedluri & Veronica, MSCM	Strategic Inventory Placement in Multi-Echelon Supply Chain Christos Agrogiannis & Rajesh Kella, ZLOG
10	Network Optimization: Key to the Future Arturo Almeida & Dhiosa Muñoz, ZLOG	Facilitating Horizontal Collaboration in Supply Chains Rochak Gupta & Connor Makowski, ZLOG
11	Improving SCM Capabilities in Mobile Industry Eric Leuemberger & Ezequiel Kirchuk, GCLOG	Prioritizing Inbound Transportation Rick Rassey & Yong Zheng, SCM
12	Network Design: Dynamic Inventory Positioning in Uncertainty Tausif Bashir, MSCM	Supply Chain Management Strategy in Hospitality Martin Inthamoussu Andrea Chinizon, GCLOG
13	Food Retailer: Mapping & Optimizing Sourcing Networks Ludovic Bernad & Lina Romero, ZLOG	Vessel Strategy for Greenfield Oil & Gas Project Vivek Subramanian & Nursery Al Faridi Nasution, MSCM
14	Problems on Supply Chain Education Programs David Hidalgo, GCLOG	Incorporating SCS in Maquiladora Transport Operations Francisco Javier Sanchez Meraz, GCLOG
15	Optimizing SCM of Recyclable Waste Sandra Honorio Eyzaguirre & Gaby Sifuentes Centeno, GCLOG	Cluster Dynamics in The Hop Industry Nate Stempel, SCM
16	Process Flexibility in a Multi-Machine Lot Scheduling Loh Tsu Ping & Lorraine Pasqual, MSCM	Network Optimization for a Food Company Jesus David Pacheco & Alejandra Achach, GCLOG
17	Integrated Transportation System Under Seasonal Periods Tiago Novaes Mathias & Stephanie Pamela Perez Leon Corzo & Joyce Milanez Zampirolli, GCLOG	How to Measure Supplier Flexibility? Peng Bi & Remya Pushpangatha Kurup, SCM
18	Mobile Tool Design Applied for MRP Erick Arce & Doris Takano & Claudia Limo, GCLOG	Integrated Business Planning in High Demand Karla Mena & George Gonzales, GCLOG
19	Procurement Strategies for Dairy Demand Company Carlos Bernal Rey, GCLOG	Redesigning a Warehouse Network Dangfun Pornnoparat, SCM
20	Pre-positioning Raw Materials for Make-to-Order Manufacturing Vikash Chandra & Michael Tully, SCM	Industrial Sector Strategy Appliying Scenario Planning Nicolas Giraldo & Orlando Amador, GCLOG
21	Multi-stop Trucking: A Study on Cost and Carrier Acceptance Shang lin (Peter) Tsai Yang & Xiaojia (Amy) Chen, SCM	Understanding Last Mile Delivery in Montevideo Matias Escuder, GCLOG
22	Direct-to-Consumer: Building a CPG Supply Chain Chris Creyts & Nora Weisskopf, SCM	The Pharma Manufacturing Impasse Karim Kamareddine & Chloe Yihong Yao, SCM
23	Integrated Solutions for Modes of Transport Dhrupad Bhavsar & José Luis Meri, ZLOG	TPM Program for a Packaging Company Claudio Moure, GCLOG
24	The Sweet Spot: Designing Fresh Food Supply Chains Cyril Khamsi & Veronica Stolear, SCM	Choosing a Last Mile Distribution Strategy Ana Maria Posligua & Daniel Avila, GCLOG
25	Urban clusters: Case of São Paulo Rodrigo Castro, GCLOG	GIS-based Models for Last Mile Delivery Emiliano Lagarrigue, GCLOG

	GROUP A *(4:30, 5:30, 6:30 pm)*	GROUP B *(5:00, 6:00, 7:00 pm)*
26	**Africa Strategy for Pharmaceuticals** Mohamed Bah & Ana Gauthier & Wen Qi, ZLOG	**Terminal Operating Systems: Expected impacts** Arthur Jacob Eutrópio & Victor Ghetti, GCLOG
27	**Last Mile Delivery in Peru** Bryan Lopez, GCLOG	**Improving Supply Chain Performance Using Prescriptive Analytics** Vineeta Ahlawat & David Martínez, ZLOG
28	**Cost-To-Serve Modeling: Manufacturing, Transportation & Warehouse Planning** Tyler Martin & Lucía Milián, ZLOG	**RFID Logistics at Brazilian Aircraft Industry** Jefferson Castro, GCLOG
29	**Cost Reduction in Warehouse Operations** Mileva Zec, GCLOG	**Efficient Transport Between Cali and Buenaventura** Henry David Cubides & Natalia Mora, GCLOG
30	**Seeing Risks & Sizing Risks** Aimee Siqi Gong & Jason Braud, SCM	**Parameters Driving Consumer Demand in Brazil** Krishna Rajendran, SCM
31	**Securing the Drug Supply Chain** Peter Chung & Tao Zhang, SCM	**Supply Chain Strategizing in Brazilian e-Commerce** Fabio Ferreira Marins & Guilherme Santoro Said, GCLOG
32	**Improving Efficiency with Machine Data** Renzo Eliseo Trujillo Castaneda & Mike Brocks, SCM	**How Much Should We Pay for Safer Roads?** Chan How Law, SCM

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