

# Research Fest 2015

May 21 2015



**MIT Supply Chain**

M A N A G E M E N T

# Schedule

8:00 - 8:30	REGISTRATION & CONTINENTAL BREAKFAST IN E51 THIRD FLOOR LOBBY OUTSIDE OF E51-372 & 376							
8:30 - 8:45	WELCOME & INTRODUCTION IN ROOM E51-395							
	Room E51-372				Room E51-376			
	Theme	Thesis Title	Students	Advisor	Theme	Thesis Title	Students	Advisor
9:00 - 9:30	SC Process	The Impact of SKU and Network Complexity on Inventory Levels	Joseph McCord & David Novoa Garnica	Bruce Arntzen	Transportation	Optimal Multi-Temperature Delivery Frequency for Small Format Stores	Mayurpankhi Barooah & Seung Hwan Shin	Chris Caplice, Francisco Jauffred & Edgar Blanco
9:40 - 10:10	SC Risk	Financing Medicine's Last Mile in Uganda: Exploring Linkages between Patient Access to Medicine and Supply Chain Access to Finance	Nipun Patel & Chuck Dokmo	Jarrold Goentzel	Transportation	Data-driven Risk Assessment for Truckload Service Providers	Kishore Chittella & Marcos Teixeira	Daniel Steeneck
10:20 - 10:50	SC Risk	A Supply Network Resiliency Assessment Framework	Santosh Stephen & Jasper Siu	Jim Rice	Transportation	Relationship between Price and Performance: An Analysis of the US Trucking Market	Sharmistha Bhattacharjee & Nane Amiryan	Chris Caplice
11:00 - 11:30	SC Risk	Operationalizing Demand Forecasts in the Warehouse	KD Kim & Dan Li	Bruce Arntzen & Stephen Graves	Transportation	Quantifying the Impact of Deployment Practices on Interplant Freight Volatility	Manish Kumar & Kurn Ma	Roberto Perez-Franco
11:40 - 12:10	SC Risk	Improving Automotive Battery Sales Forecast	Vinod Bulusu & Haekyun Kim	Roberto Perez-Franco	Transportation	Analytical Model to Increase Air Volumes and Minimize the Net Achieved Rate in Air Freight Transportation	Niklas Blomberg & Ramon Gras Alomà	Jarrold Goentzel

# Schedule

12:10 - 1:10 LUNCH								
Room E51-372					Room E51-376			
	Theme	Thesis Title	Students	Advisor	Theme	Thesis Title	Students	Advisor
1:10 - 1:40	SC Process	The Logistics of Creativity	Joseph Williams & Collin Brady	Roberto Perez Franco	SC Design	Distribution Network Optimization in the Uniform Rental Industry	Haotian Lee & Ann-Marie Chopyak	Bruce Arntzen
1:50 - 2:20	SC Process	Improving Supply Chain Agility of a Medical Device Manufacturer	Yaniv Rosenberg & Xinye Bai	Daniel Steeneck	SC Design	E-Commerce Cold Chain Fulfillment	Jordan Nelson & Mounir Yakzan	Jim Rice
2:30 - 3:00	SC Process	Measurement and Evaluation of Retail Promotions	Asen Kalenderski & Satya Sanivarapu	Chris Caplice & Francisco Jauffred	SC Design	Roadmap for Commodity Sourcing Strategy	Wenzheng Chong & Yuwen Lai	Alexis Bateman
3:10 - 3:40	SC Process	SKU Clustering for Supply Chain Planning Efficiency	Tomas Molet & Axel Barbara	Edgar Blanco	SC Design	Towards a Consumer Oriented Supply Chain	Hector Perez & Panagiotis Andri-anopoulos	Alexis Bateman
3:50 - 4:20	SC Risk	Factors Influencing Tier 2 Supply Chain Risk Data Collection	Angel Poyato Ayuso & Stephanie Buscher	Bruce Arntzen	SC Design	Distribution Channel for Moroccan Artisans	Zyad El Jebbari	Edgar Blanco & Tauhid Zaman

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