



MIT Supply Chain

M A N A G E M E N T

Research Fest 2017

May 25, 2017



Schedule

8:00 - 8:30	REGISTRATION & BREAKFAST (BUILDING E25 LOBBY AT 25 CARLETON STREET, CAMBRIDGE, MA)			
8:30 - 8:45	WELCOME REMARKS (ROOM E25-111)			
	Room #	Thesis Title	Students	Advisor
9:00 - 9:30	E25-111	Innovative Transportation Solutions: Uber for Freight	Joseph Lucido & Leah Davis	Jarrold Goentzel
	E25-117	Capacity Planning under Demand and Manufacturing Uncertainty for Biologics	Sifo Luo	Ozgu Turgut
9:40 - 10:10	E25-111	Impact of Drug Serialization on US Pharmaceutical Industry under decentralized information flow	Meng-Ying Chan & Raghavendran Mohan	Bruce Arntzen
	E25-117	Manufacturing Risk Assessment for Early Stage Pharmaceuticals	Emily Chen	Ozgu Turgut
10:20 - 10:50	E25-111	Pharmaceutical Serialization - Track & Trace in the USA	David Wu & Aisha Nabiyeva	Bruce Arntzen
	E25-117	Unlocking Value in Healthcare Delivery Channels	Muching Zhang & Qi Zhang	Jarrold Goentzel
11:00 - 11:30	E25-111	Smarter SKU Stratification	Andrew Steverson & Jiaxin Jiang	Eva Ponce
	E25-117	Enhancing the Customer Service Experience at Call Centers Using Queuing Theory	Qiao Chu & Nisha Palvia	Jim Rice
11:40 - 12:10	E25-111	Reducing Shipment Variability through Lean Leveling	Fabian Brenninkmeijer & Melissa Botero	Jim Rice
	E25-117	Forecasting International Movements of Returnable Transport Items	Rajdeep Singh Walia & Patrick Jacobs	Eva Ponce
12:10 - 1:10	LUNCH (BUILDING E25 LOBBY AT 25 CARLETON STREET, CAMBRIDGE, MA)			

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	Room #	Thesis Title	Students	Advisor
1:10 - 1:40	E25-111	How to Integrate your Production and Logistics Strategy for a CPG Company: A New Formulation	Thomas Heyward & Ian Chua	Josue Velazquez
	E25-117	Optimal Mode Selection: Intermodal vs. Truckload	Tianshu Huang & Bernarda Serrano	Chris Caplice & Francisco Jauffred
1:50 - 2:20	E25-111	Balancing Product Flow and Synchronizing Transportation	Priya Andleigh & Jeffrey Bullock	Chris Caplice & Ahmad Hemmati
	E25-117	Predicting On-time Delivery in the Trucking Industry	Kenneth Ohlund & Rafael Alcoba	Matthias Winkenbach
2:30 - 3:00	E25-111	Multi-Echelon Network Evaluation and Inventory Strategy	Patrick Scot & Boxi Xu	Josue Velazquez
	E25-117	Analysis of Inefficiencies in Shipment Data Handling	Gerta Malaj & Rohini Prasad	Matthias Winkenbach
3:10 - 3:40	E25-111	Capacity Management and Make vs. Buy Strategy	Akansha Nidhi & Fady Riad	Bruce Arntzen
	E25-117	A Study of Freight Performance and Carrier Strategy	Qian Zhou & Caroline Bleggi	Chris Caplice
3:50 - 4:20	E25-111	Identifying Inventory Excess and Service Risk in Medical Devices: A Simulation Approach	Xiaofan Xu & Maria Rey	Omar Sherif Elwakil
	E25-117	Understanding the Value of Real-Time Monitoring in Supply Chains	Tarun Tiwar & Anthony Toteda	Bruce Arntzen
4:30 - 5:00	E25-111	A Generalized Framework for Optimization with Risk	Andrew Brown & Damaris Zipperer	Sergio Caballero
5:00 - 6:30	RESEARCH FEST CELEBRATION (BARTOS THEATRE LOBBY, BUILDING E15 AT 20 AMES STREET, CAMBRIDGE, MA)			



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