

Section A						
Time Slot	Student Name		Thesis Title	Company	Engineering Faculty	Management Faculty
9:00 - 10:45	Olanrewaju	Oludipe	Optimizing Inventory Rebalancing: Strategies for Man	Nike	Simchi-Levi	Graves
	Daniel	Tuana	A Technoeconomic Model for Maritime Applications	Caterpillar	Buongiorno	Knittel
	Andrew	Epstein	Decarbonization of Gas Heating in Massachusetts: A	National Grid	Plata	Knittel
	Jennifer	Ray	Hydrogen Adoption Dynamics: A Flexible Modeling Fr	American Industrial Partners	Plata	Knittel
	Michael	Norwalk	Decarbonized Cement Manufacturing via Advanced F	NextEra	Deng	Welsch
10:45 - 11:00						
11:00 - 12:30	Karla	Perez Muñoz	An Optimization-Based Approach to Efficient Clearan	Zara (Inditex, S.A.)	Jaillet	Perakis
	Adam	Gebner	Optimizing Raw Wire Inventory Management: A Data-	Boeing	Youcef-Toumi	Trichakis
	Carla	Lorente Anon	Multimodal Gen AI Chatbot for Root Cause Diagnosis	Amazon	Boning	Welsch
	Rachael	Harkavy	Forming the Future: A Digital Approach to Simulating	Re:Build Manufacturing	Boning	Fazel Zarandi
12:30 - 1:00						
1:00 - 2:45	Gretel	Gonzalez	Expanding Verizon's home broadband coverage throu	Verizon	Crawley, Seering	Welsch
	Jack	Albright	Computer Vision for Cell Line Development	Amgen Inc.	Braatz	Welsch
	Aaron	Wubshet	Closing the gap: Evaluation of On Body Injectors (OB)	Amgen Inc.	White	Golrezaei
	Linn	Bieske	Sensor simulation for autonomous vehicles: Diffusio	Waymo, LLC	Kim	Ramakrishnan
	Tony	Jiang	Research on Multi-level Framework for Video Unders	Amazon	Williams, Chuang	Fazel Zarandi
2:45 - 3:00						
3:00 - 4:30	Mohit	Kasliwal	An Integrated Optimization Model for Large-Scale EV	Verizon	Simchi-Levi	Jacquillat
	Andrew	Fenstermacher	Investigation Into Sources of Volatility in Sortation Ce	Target	Simchi-Levi	Levi
	Sameed	Siddiqui	Advanced Architectures for Biological Sequence Mod	Broad Institute	Collins	Welsch

Section B						
Time Slot	Student Name		Thesis Title	Company	Engineering Faculty	Management Faculty
9:00 - 10:45	Shreesh	Agrawal	Machine Learning Methods in Telecom	Verizon	Amin	Fazel Zarandi
	Steffan	Sowards	Data-Driven Key Performance Indicator Modeling for	Amazon	Anthony, Boning	Fazel Zarandi
	Isabella	Didio	Impact Evaluation and Prioritization Framework for M	Johnson & Johnson	Simchi-Levi	Zheng
	Madeline	Dubelier	Systems Approach to Component Code Optimization	Johnson & Johnson	Frey	Zheng
	Priya	Bhirgoo	Assessing the Feasibility of a Fully Electric Drug Subs	Amgen Inc.	Gutowski	Zheng
10:45 - 11:00						
11:00 - 12:30	Maxwell	Malinowski	Data, Analytics, and Optimization for Production Plan	Northrop Grumman Corporation (NGC)	Anthony	Carrier
	Will	McNulty	Standard Work for High-Mix Low-Volume Operations	Re:Build Manufacturing	Bourouiba	Carrier
	Eric	Shaw	B-52J Commercial Engine Replacement Program: An	Boeing	Spakovszky	Carrier
	Rachael	Knapp	Electric Vehicle Fleet Charging: A Simulation-Based C	Amazon	Annaswamy	Freund
12:30 - 1:00						
1:00 - 2:45	Kevin	Schurr	Towards Green Aluminum	American Industrial Partners	Shirvan	Knittel
	Chris	Johnson	Optimizing automotive production scheduling to redu	Nissan-USA	Youcef-Toumi	Willems
	Yutao	Gong	Forecasting Automotive Production Using Theta Mod	American Industrial Partners	Simchi-Levi	Willems
	Carlos	Gosen	Developing a Data-Driven Approach to Reducing Exce	Stryker	Simchi-Levi	Willems
	Bonny	Mahajan	Generative AI in Private Equity for Accumulative Adv	LFM Capital	Boning	Eppinger
2:45 - 3:00						
3:00 - 4:30	Sofie	Netteberg	Toward Smarter New Product Assignment: Optimizin	Nike	Daniel	Graves
	Haoting	Pan	Analyzing Procurement Data for Cost Saving Applicat	Caterpillar	Simchi-Levi	Fazel Zarandi
	Esteban	Ramirez Echavarria	Discrete Event Simulation as a Predictor for Factory T	Boeing	Daniel	Spear
	Gabriel	Gallardo	Transforming Unstructured Text into Actionable Insi	Amazon	Daniel	Ramakrishnan

Section C						
Time Slot	Student Name		Thesis Title	Company	Engineering Faculty	Management Faculty
9:00 - 10:45	Amna	Magzoub	Mapping Design Transfer to Accelerate New Product	Stryker	Cameron, Seering	Spear
	Lizzy	Salata	Streamlining Diagnostics of Electrical-Connection-Re	Rivian	Gray	Roemer
	Viraat	Goel	Simulation Modeling of Drug Substance Tech Transfe	Amgen Inc.	Lauffenburger	Willems
	Julia	Sircar	Defect Management and Prevention Techniques to In	Blue Origin	Simchi-Levi	Fine
	Alex	Sirgo	A Techno-Economic Assessment of Hybrid Renewabl	NextEra	Deng	Parsons
10:45 - 11:00						
11:00 - 12:30	Alix	Carson	A Data-Driven Work Center Assignment and Pricing S	American Industrial Partners	Hardt	Willems
	Andrew	Dugan	Fully Connected Digital Ecosystems within Hospitals	Johnson & Johnson	Traverso	Roemer
	M. Patrick	Serbent	Network Preparations for Networked Geothermal	National Grid	Frey	Sun
	Julie	Chong	Raw Material Inventory Planning	Stryker	Simchi-Levi	Willems
12:30 - 1:00						
1:00 - 2:45	Baraka	Minja	Design & Optimization of Shipping Container for Pack	Amazon	Einstein	Fine
	Arun	Varma	Diagnostics in Additive Manufacturing Using Image-B	Blue Origin	Daniel	Roemer
	Mark	Zachary	Driving Manufacturing Best Practices Using Multimod	LFM Capital	Boning	Graves
	Shweta	Sen	Multi-Objective Optimization of Container Load Plans	Nike	Youcef-Toumi	Roemer
	Conor	Briggi	The Value of Digitizing Manufacturing Environments	Stanley Black & Decker (SBD)	Frey	Roemer
2:45 - 3:00						
3:00 - 4:30	Jacob	Gerbino	Economies of Space: Developing a Lean Manufacturi	Boeing	Chun	Fine
	Tiffany	Xi	Metal Additive Manufacturing Capabilities for Footwe	Nike	Becker	Fine
	Jeremy	Garber	Minimizing Cost of Intra-Yard Finished Vehicle Logis	Nissan-USA	Youcef-Toumi	Fine
	Catalina	Garza Lozano	Predictive Model for Battery State of Health	NextEra	Brushett	Kennedy, Roemer