

## Section A

Time Slot	Student Name		Thesis Title	Company	Engineering Faculty	Management Faculty
9:00 - 10:45	Olanrewaju	Oludipe	Evaluating and Modeling Inventory Rebalancing	Nike	Simchi-Levi	Graves
	Karla	Perez Muñoz	An optimization problem for the sales period	Zara (Inditex, S.A.)	Jaillet	Perakis
	Adam	Gebner	Boeing Commercial Airplanes Electrical Wire Harness	Boeing	Youcef-Toumi	Trichakis
	Carla	Lorente Anon	Enhancing Efficiency and Reliability - Innovations in C	Amazon	Boning	Welsch
	Michael	Norwalk	Advanced Decarbonization Technology Strategy and	NextEra	Deng	Welsch
10:45 - 11:00						
11:00 - 12:30	Daniel	Tuana	Investment in Commercially Viable Clean Energy Ma	Caterpillar	Buongiorno	Knittel
	Andrew	Epstein	Customer Propensity For Fuel Switching	National Grid	Plata	Knittel
	Jennifer	Ray	Energy and Decarbonization Technology Roadmap &	American Industrial Partners	Plata	Knittel
	Rachael	Harkavy	Oribi Composites Process Modeling	Re:Build Manufacturing	Boning	Fazel Zarandi
12:30 - 1:00						
1:00 - 2:45	Gretel	Gonzalez	Satellite Home Broadband Capacity and Market Anal	Verizon	Crawley, Seering	Welsch
	Jack	Albright	AI/ML Platform Implementation for Amgen Process D	Amgen Inc.	Braatz	Welsch
	Aaron	Wubshet	Electromechanical Engineering	Amgen Inc.	White	Golrezaei
	Linn	Bieske	Product Operations	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	Kasiwal	EV Charging Network Analysis	Verizon	Simchi-Levi	Jacquillat
	Andrew	Fenstermacher	Formulation of machine learning model to understand	Target	Simchi-Levi	Levi
	Sameed	Siddiqui	Using Machine Learning to accelerate innovations in	Broad Institute	Collins	Welsch

## Section B

Time Slot	Student Name		Thesis Title	Company	Engineering Faculty	Management Faculty
9:00 - 10:45	Shreeansh	Agrawal	Verizon Customer Behavior Modeling	Verizon	Amin	Fazel Zarandi
	Steffan	Sowards	Optimizing Robotic Systems for Evolving Dynamic Co	Amazon	Anthony, Boning	Fazel Zarandi
	Isabelle	Didio	JJV Realtime Release	Johnson & Johnson	Simchi-Levi	Zheng
	Madeliner	Dubelier	How to improve capacity management in a complex,	Johnson & Johnson	Frey	Zheng
	Priya	Bhirgoo	Sustainability Engineering	Amgen Inc.	Gutowski	Zheng
10:45 - 11:00						
11:00 - 12:30	Maxwell	Malinowski	Data, Analytics, and AI for Electronics Systems Manu	Northrop Grumman Corporation (NGC)	Anthony	Carrier
	Will	McNulty	Automation of hand lay up for simple thermoset com	Re:Build Manufacturing	Bourouiba	Carrier
	Eric	Shaw	B-52J Commercial Engine Replacement Program (Pr	Boeing	Spakovszky	Carrier
	Rachael	Knapp	Scaling Electric Vehicles Zero-Emissions Delivery wit	Amazon	Annaswamy	Freund
12:30 - 1:00						
1:00 - 2:45	Kevin	Schurr	Energy and Decarbonization Technology Roadmap &	American Industrial Partners	Shirvan	Knittel
	Chris	Johnson	Finished Vehicle Logistics System Optimization	Nissan-USA	Youcef-Toumi	Willems
	Yutao	Gong	Digitally Driven SIOp and Forecasting Enablement & I	American Industrial Partners	Simchi-Levi	Willems
	Carlos	Gosen	Optimizing Inventory Optimization for Spine Business	Stryker	Simchi-Levi	Willems
	Bonny	Mahajan	Product Design with the Founders of Langmuir Syste	LFM Capital	Boning	Eppinger
2:45 - 3:00						
3:00 - 4:30	Sofie	Netteberg	Sourcing and Manufacturing Simulation	Nike	Daniel	Graves
	Haoting	Pan	Value Chain Engineering	Caterpillar	Simchi-Levi	Fazel Zarandi
	Esteban	Ramirez Echavarria	Automated Guided Vehicle (AGV) Management Syste	Boeing	Daniel	Spear
	Gabriel	Gallardo	Amazon Q Generative AI Model for Amazon Comman	Amazon	Daniel	Ramakrishnan

## Section C

Time Slot	Student Name		Thesis Title	Company	Engineering Faculty	Management Faculty
9:00 - 10:45	Amna	Magzoub	Streamline Design Transfer for new products in Med	Stryker	Cameron, Seering	Spear
	Lizzy	Salata	Wearables with Augmented Reality in Automotive Ma	Rivian	Gray	Roemer
	Viraat	Goel	Business Engineering and Strategy Team Tech Transf	Amgen Inc.	Lauffenburger	Willems
	Julia	Sircar	Production Engineering CONWIP Implementation	Blue Origin	Simchi-Levi	Fine
	Alex	Sirgo	FPL Development Decarbonization and Distructive Te	NextEra	Deng	Parsons
10:45 - 11:00						
11:00 - 12:30	Alix	Carson	Digitally Driven SIOp and Forecasting Enablement & I	American Industrial Partners	Hardt	Willems
	Andrew	Dugan	Building new Clinical Decision Support tools with adv	Johnson & Johnson	Traverso	Roemer
	Patrick	Serbent	Predictive Modeling of Asset Data Accuracy	National Grid	Frey	Sun
	Julie	Chong	Optimizing Inventory Optimization for ENDO Business	Stryker	Simchi-Levi	Willems
12:30 - 1:00						
1:00 - 2:45	Baraka	Minja	Package Free Shipping	Amazon	Einstein	Fine
	Arun	Varma	Additive Manufacturing Data Analysis	Blue Origin	Daniel	Roemer
	Mark	Zachary	Manufacturing Digital Platform Strategy	LFM Capital	Boning	Graves
	Shweta	Sen	Container Loading Optimization	Nike	Youcef-Toumi	Roemer
	Conor	Briggi	Financial impact of digitization on the manufacturing	Stanley Black & Decker (SBD)	Frey	Roemer
2:45 - 3:00						
3:00 - 4:30	Jacob	Gerbino	Boeing Interiors South Carolina Flow and Inventory O	Boeing	Chun	Fine
	Tiffany	Xi	Development of Metal Additive Capabilities for Footw	Nike	Becker	Fine
	Jeremy	Garber	Autonomous Vehicle Use Cases in Finished Vehicle L	Nissan-USA	Youcef-Toumi	Fine
	Catalina	Garza Lozano	Renewable Project Repower and Augmentation Strat	NextEra	Brushett	Kennedy, Roemer