



SHAMOON COLLEGE OF ENGINEERING

**Industrial Engineering and Management
Department**

Applied IEM Workshop 2026

September 2

Speakers have 15 minutes, and 5 minutes are left for questions. Session chair: always the last speaker of the session. The assigned session chairs are kindly asked to ensure that the time schedule is kept and that the time between presentations is balanced. The workshop will take place at the Be'er Sheva campus, Legacy building, rooms 102, 402, and 403.

<i>Schedule</i>		
9:00-9:30	Registration	
9:30-10:00	Workshop Opening - room 102	
10:00-11:00	Keynote talk: <u>Professor Dvir Shabtay</u> - Fairness in Repetitive Scheduling Problems - room 402	
11:00-11:20	Coffee break	
11:20-12:20	<u>Session 1- Competition and Regulation-room 402</u> <u>Doron Klunover</u> - Regulating sabotage <u>Yizhaq Minchuk</u> - Moderate Externalities in All-Pay Contests <u>Limor Hatzor</u> - Green antitrust conundrum: Collusion with social goals	<u>Session 1- Applied Artificial Intelligence-room 403</u> <u>Brad Morantz</u> - An Agentic Computing System for Cognitive Decision-Making <u>Adi Katz</u> - Beyond the Hype of Vibe Coding: Technical Breakdowns, Emotional Strain, and the Struggle for Shared Context <u>Gali Naveh</u> - The Impact of AI Usage Approach on Student Learning Perception and Performance
12:20-12:40	Coffee break	
12:40-13:20	<u>Session 2- Market Game Dynamics - room 402</u> <u>Artyom Jelnov</u> - Too many details	<u>Session 2- Data Analytics Systems -room 403</u> <u>Mali Sher</u> - Academia–Industry–Government Collaboration for Data-Driven Micromobility Safety: A Decision-Support Framework for E-Scooter Risk Management in Tel Aviv

	<u>Baruch Keren</u> - Free walking tours: A game theoretical approach	<u>Elroi Hadad</u> - Climate Risk Sentiment and Bank Credit Pricing: Evidence from European CDS Markets
13:40-14:20	Lunch (Department conference room)	
14:20-15:20	<u>Session 3- Social Optimization Models-room 402</u> <u>Lior Aronshtam</u> - Who Should Be Fired? Towards a Complexity Analysis of High-Cohesion Group Selection <u>Albert Yirmiyahu</u> - The Differential Impact of the National Program for Increasing Skilled Workforce for the High-Tech Industry: A Case Study of Peripheral Regions in the Israeli Labor Market. <u>Elad Shufan</u> - One-Sided Assignment Problem with Priorities	<u>Session 3- Engineering Operations Methodology-room 403</u> <u>Eliran Sherzer</u> - Learning-Based Analysis of Feed-Forward Queueing Networks with General Non-Markovian Arrival Processes <u>Alon Sela</u> - Applying Weak Correlation Networks in Industrial Engineering and Beyond <u>Dimitry Bykhovsky</u> - The Transition from Traditional Hardware to Interpretable Soft Sensor Measurement Systems