



SHAMOON COLLEGE OF ENGINEERING

**Industrial Engineering and Management  
Department**

**Applied IEM Workshop 2023**

July 31

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 in the Be'er Sheva campus, Minkoff building, rooms 104 and 106.

<i>Schedule</i>		
9:00-9:30	Registration	
9:30-10:00	Workshop Opening - room 104	
10:00-10:30	Keynote talk: <i>Professor Ehud Menipaz</i> - Industrial and Management Engineers Training - 21st-Century Challenges - room 104	
10:30-11:30	<p><b><u>Session 1-Game Theory-room 104</u></b></p> <p><b>Session chair- Doron Klunover</b></p> <p><i><u>Erel Segal-Halevi</u></i>- Balanced Donor Coordination</p> <p><i><u>Yizhaq Minchuk</u></i>- Sports Wars-Contest Theory Approach</p> <p><i><u>Doron Klunover</u></i> - Lobbying in the Presence of a (non) Benevolent Policymaker</p>	<p><b><u>Session 1-Economic Modeling-room 106</u></b></p> <p><b>Session chair- Elroi Hadad</b></p> <p><i><u>Evangelos Vasileiou</u></i> - Could Internet Searches be a Reliable Indicator of House Prices? Evidence from the Greek housing market.</p> <p><i><u>Vojtěch Dvořák</u></i> - The spirit of innovation - its policy roots and place in the concept of human capital</p> <p><i><u>Elroi Hadad</u></i> - Can Allocation Strategies Create Superior Alpha?</p>
11:30-12:00	<b>Coffee break</b>	
12:00-13:20	<p><b><u>Session 2-Information Systems 1- room 104</u></b></p> <p><b>Session chair- Shlomo Greenberg</b></p>	<p><b><u>Session 2-Finance and Management-room 106</u></b></p> <p><b>Session chair- Irena Milstein</b></p>

	<p><b><u>Brad Morantz</u></b>- Intelligent Decision Making</p> <p><b><u>Adi Katz</u></b>- Database Modeling- are there Gender Differences when Transferring Knowledge between two Similar Models?</p> <p><b><u>Yehuda Ben-Shimol</u></b> - Containers Allocation in Cloud Environment using Multi-agent Deep Reinforcement Learning</p> <p><b><u>Shlomo Greenberg</u></b>- Drone Swarm Detection Based on Deep Learning Using Audio and RF Signatures</p>	<p><b><u>Arik Sadeh</u></b> - Dynamic Pricing of Quality Based Products with Stochastic Preference</p> <p><b><u>Meira Levy</u></b> - Muddy Waters: Design Thinking for Understanding the Multi-Organizational Problem Space of the Water Sector</p> <p><b><u>Dima Bykhovsky</u></b>- Python Package for Simulation of Non-Gaussian Stationary Random Process with Arbitrary Auto-Correlation Function</p> <p><b><u>Irena Milstein</u></b> - Carbon-free Electricity Supply in a Cournot Wholesale Market: Israel</p>
13:20-14:20	<b>Lunch</b>	
14:20-15:20	<p><b><u>Session 3-Information Systems 2-room 104</u></b></p> <p><b>Session chair- Gali Naveh</b></p> <p><b><u>Aviad Elyashar</u></b> - The Chameleon Attack: Manipulating Content Display in Online Social Media</p> <p><b><u>Dima Alberg</u></b> - An Python Expert System for Ranking and Matching Electric Vehicles to Customer Specifications and Requirements</p>	<p><b><u>Session 3-Applied OR-room 106</u></b></p> <p><b>Session chair- Baruch Keren</b></p> <p><b><u>David Avishay</u></b>- Application of Shah Industry 4 technologies in a third revolution in car construction</p> <p><b><u>Svetlana Daichman</u></b> – Enhancing Public Transport Literacy and Improving Accessibility for Elderly Travelers in Mobility-as-a-Service (MaaS)</p> <p><b><u>Baruch Keren</u></b>- The Triple Uncertainty Inventory Problem</p>

***Gali Naveh***- Distance  
Problem-Based Learning in a  
Theoretical Course in Civil  
Engineering: Students'  
Perception of Their Soft Skill  
Development