


ICIL 2018 - Full Program

Leonardo Hotel Negev - 4 Henrietta Szold St, Beer-Sheva, Israel

Organized by Ben-Gurion University of the Negev, Beer-Sheva, Israel



Note: Due to unforeseen events, the order of the talks within each session may still be changed

Tuesday	15-May	Session Chair	
8:30-9:00	Gathering		
9:00-10:00	<p>T1. Opening & Keynote – Nicholas Hall</p> <p>Research and Teaching Opportunities in Project Management</p>	 Zilla Sinuany-Stern	
10:00-11:20	<p>T2.A Inventory Logistics (papers: 25, 59, 13, 1)</p> <p>25. Nethanel Drezner, Michael Dreyfuss and Tal Grinshpoun, Optimization Model for Procurement, Inventory, and Logistics Management</p> <p>59. Ilias Kevork, Benefits of Vendor Managed Inventory Programs in Two-Stage Supply Chains</p> <p>13. Marina Tošić, Dragutin Lisjak, Davor Kolar and Silvestar Špear, Determining Critical Aircraft spare Parts using Text Mining and Association Rule Mining Techniques</p> <p>1. Yuval Cohen, Dalia Fishlov and Yehudit Aperstein: Retailer's Optimal Purchase Mix of Bundles and Separate Products in a Supply-Chain of Single Period Items.</p>	Yuval Cohen	
	<p>T2.B Logistical Policies & Decision-making (papers: 30, 4, 33, 40)</p> <p>30. Gur Mosheiov, Assaf Sarig and Vitaly Strusevich, Minmax Scheduling and Due-Window Assignment with Position-Dependent Processing Times and Job Rejection</p> <p>4. Franco Basso, Leonardo J. Basso, Mikael Rönnqvist and Andrés Weintraub, Coalition formation models for collaborative transportation among multiple productive companies under courtot.</p> <p>33. Shraga Shoval, A Model for Vacation Queuing Policy Considering Deterioration and Recovery of the Service.</p> <p>40. Nicole Adler, Eran Hanany and Stef Proost, Introducing Competition in Air Traffic Control Provision in Europe using Game Theoretic Principles</p>	Shraga Shoval	
	11:20-11:30	Coffee break	
	11:30-12:10	<p>T3.A Keynote: Elise Miller-Hooks</p> <p>Optimal Investment for a Resilient Global Port Network</p>	 Hillel Barger
12:10-12:50	<p>T5.A Keynote: Retsef Levi</p> <p>Systematic Risk Management of Economically Motivated Adulteration in Food Supply Ch</p>	 Alberto Canen	
12:50-13:40	Lunch		

13:40-15:00	<p><u>T4.A Operational Logistics (papers: 8, 39, 60, 57)</u></p> <p>8. Wanja Wellbrock, Nadine Brehm and Oguzhan Aksoy, Disruption Management – Development and Evaluation of a Maturity Mode</p> <p>39. Raymond Marie, The Impact of the Unavailability of Line Replaceable Units on the Operational Availability of the System</p> <p>60. Gabriel De Araujo and Maria Cristina Fogliatti de Sinay, Research Trends of Industrial Logistics</p> <p>57. Leonardo Epstein and Ignacio Inostroza-Quezada, Joint Evaluation of The Effects of a Store Promotion on Traffic, Conversion, and Customer Expenditures</p>	Leonardo Epstein
	<p><u>T4.B Transportation Net design-1 (papers: 32, 46, 44)</u></p> <p>32. Aakash Kamble, Amir Elalouf and Dmitry Tsadikovich, Location, Routing and Scheduling of Emergency Vehicles for Maternal Services in Rural Areas of India</p> <p>46. Josip Mesaric, Davor Dujak and Dario Šebalj, Mapping of Natural Gas Supply Chain in Croatia Aimed at Creation Simulation Model for System Imbalance Removal</p> <p>44. Nicole Adler and Amir Brudner, Estimating High Speed Rail and Airport Catchment Areas</p>	Nicole Adler
15:00-16:20	<p><u>T6.A Queuing Systems (papers: 3, 31, 36, 63)</u></p> <p>3. Hila Hindi Ling and Hillel Bar-Gera, Interaction delay in M/M/C/N and the impact of buffers on harbor quay-crane operations</p> <p>31. Baruch Mor, Minmax Common Due-Window Assignment and Scheduling on A Single Machine With Two Competing Agents</p> <p>36. Baruch Keren and Yossi Hadad, Setting The Right Parking Price via Queuing Model</p> <p>63. Guy Wachtel, Amir Elalouf, Yael Perlman and Uri Yechiali, Resource Allocation in Emergency & Hospitalization Departments to Reduce Costs & Waiting Times</p>	Baruch Keren
	<p><u>T6.B General Logistic (papers: 21, 38, 43, 17)</u></p> <p>21. Paolo Bisogni, Franca Cantoni and Marco Giannini, A Comparison Between The Italian University Curricula in Logistics & SCM and The Professionals' Needs</p> <p>38. Ramon Narcizo, Alberto Canen and Iara Tammela, A Framework for Innovatoion Capability Performance Assesment in Brazilian Low-Tech Small Business</p> <p>43. Arik Sadeh, Factors and Methodologies Affecting Vendor Evaluation With Respect to Organizational Satisfaction</p> <p>17. Magdalena Daszkiewicz, Sustainable Logistics as a Direction of Counteracting Development Problems of Small Tourist Centres</p>	Yael Perlman
16:20-16:40	Coffee break	
16:40-18:00	<p><u>T7.A Healthcare & Emergency (papers: 53,67, 72)</u></p> <p>53. C.T. Daniel Ng, T.C. Edwin Cheng, Dmitry Tsadikovich, Eugene Levner, Amir Elalouf and Sharon Hovav, Optimal Immunization Strategies for Groups at Risk in Vaccine Supply Chain Management</p> <p>67. Simona Cohen Kadosh, Zilla Sinuany-Stern and Yuval Bitan, Preparedness for Earthquake Disaster: Optimal Deployment of Emergency Treatment Site</p> <p>72. Celia A. Glass, Roger A. Knight and Hugo R. Mills, Ergonomic Rostering: Optimisation for Less Tired Doctors and Safer Patients</p>	Celia Glass
	<p><u>T7.B Logistics of sustainable Housing (papers: 11, 14, 15, 12)</u></p> <p>11. Karolina Bielecka, Design and Implementation of Cracow Housing Estates During The Transformation Periodin in The Context of Sustainable Development.</p> <p>14. Krtystyna Paprzyca,Sustainable Management of The Space as a Condition for The Development of The Medium-Sized Cities</p> <p>15. Karolina Wieja, Principles of Sustainable Development in Multi-Family Housing Estates.</p> <p>12. Justyna Kobylarczyk, Green Logistics and its Tools Supporting The Main Assumptions of Green Architecture</p>	Justyna Kobylarczyk
18:00-21:00	Tour of Beer-Sheva & reception Beer Abraham	

Wednesday 16-May

Session Chair

8:30-9:00	Gathering			
9:00-10:00	<p>W1.A Keynote: Yale Herer</p> <p>News vendor: You have More Time than Before</p>		<p>Maria Cristina Fogliatti de Sinay</p>	
10:00-11:20	<p>W2.A Production Logistics -1 (papers: 22, 29, 51, 71)</p> <p>22. Yaar Harari, Avital Bechar and Raziel Riemer, Optimization framework for workplace design using simulation and considering productivity and ergonomics</p> <p>29. Ran Etgar, Yuval Cohen and Roy Gelbard, Scheduling on-going research and development projects</p> <p>51. Guy Kashi, Gad Rabinowitz and Gavriel David Pinto, Economic investigation in Variable Transfer Batch Size, in CONWIP Controlled Transfer Line</p> <p>71. Alon Dourban and Liron Yedidsion, Numerical threshold policy for the multi period inventory problem with mean reverting price</p>		<p>Liron Yedidsion</p>	
	<p>W2.B Transportation Routing (papers: 2, 23, 10)</p> <p>2. Katarzyna Gdowska, How to Assess Balancing Public Transportation?</p> <p>23. Edison Avraham and Tal Raviv, Time-dependent and stochastic field service routing and scheduling</p> <p>10. Benjamin Baran, Fabio López-Pires and Haiko Eitzen, A Government Perspective for Two-Echelon Vehicle Routing. A Multi-Objective Evolutionary Approach.</p>		<p>Erel Avineri</p>	
	11:20-11:30	Coffee break		
	11:30-12:10	<p>W3.A Keynote: Andres Weintraub</p> <p>Operations Research Systems Support Logistic Decisions</p>		<p>Ehud Menipaz</p>
	12:10-12:50	<p>W5.A Keynote: Tadeusz Sawik</p> <p>Supply Chain Disruption Management Using a Multi-Portfolio Approach</p>		<p>Goran Dukic</p>
	12:50-13:40	Lunch		

13:40-15:00	W4.A Traffic Planning (papers: 47, 55, 73, 48)	
	47. Baohua Mao, Cunrui Ma and Yao Chen, A Simulation-Based Analysis of Train Design Speed for Urban Rail Transit Systems	Mali Sher
	55. Erel Avineri and Yuval Cohen, Optimal Road Project Portfolio Selection Under Limited Local Authorities Budgets in Polynomial Time	
	73. Svetlana Mihic and Danijela Daisic, Backbone of Water Transport in Europe—Promotion, Protection and Sustainability	
	48. Mali Sher, Supply Chain Management In The Traffic Enforcement Cameras System	
	W4.B Production Logistics - 2 (papers: 34, 58, 9, 49)	
34. Marko Mladineo, Ivica Veza, Nikola Gjeldum and Marina Crnjac, Web Information System for Sustainability Optimization of Production Networks	Moshe Eben Chaime	
58. Stefan Schmidt and Benjamin S. G. Schmidt, Food Safety in Logistics Processes & Sustainable Logistics.		
9. Maciej Bielecki, Standardization Impact on the Design of Logistically Efficient Products – Preliminary Study		
49. Moshe Eben Chaime, The Bill of Materials and Operations Process Chart for Facilities Design		
15:00-16:20	W6.A Supply Chain Management (SCM) -1 (papers: 45, 62, 74)	
	45. Roberta Pellegrino, Nunzia Carbonara and Nicola Costantino, Quantity Flexibility Contract for Coordinating Supply Chain in Presence of Uncertainty	Katarzyna Gdowska
	62. Livia Viana Rangel, Tammela Iara, Ramon Baptista Narcizo and Alberto G. Canen, Supplier Performance Indicators Applied to Micro and Small Enterprises Operating in Açú Port Complex in Brazil	
	74. Ittai Kenet, Supply Chain Planning Using anyLogistix™ Dynamic Simulation – Case Study	
	W6.B Transportation for the Elderly (papers: 35, 26, 41, 28)	
	Greetings: Dr. Andrey Broisman - Israel Ministry of Science & Technology	
35. Elad Shufan, Hagai Ilani, Tal Grinshpoun, Vadim Levit and Haya Brama, The Fixed Route Dial-a-Ride Problem: An Optimal Algorithm by Graph Reduction		
26. Svetlana Daichman, Hillel Bar-Gera and Tal Grinshpoun, Mobility Habits and Transportation Needs of Inhabitants of Elderly Homes in Israel	Tal Grinshpoun	
41. Oksana Sabnik, Hillel Bar-Gera and Hagai Ilani, Fixed Route Dial-A-Ride Service, An Integer Programming Approach		
28. Haya Brama and Tal Grinshpoun, Solving The Fixed Route Dial-a-Ride Problem Using a Recurrent Neural Network		
16:20-16:40	Coffee break	
16:40-18:00	W7.A Warehousing Logistics (papers: 20, 42, 50, 64)	
	20. Goran Dukic, Lukas Rose, Brigita Gajsek, Tihomir Opetuk and Hrvoje Cajner, Space, Time and Ergonomic Assessment of Order-Picking Using Vertical Lift Modules	Raymond Marie
	42. Tone Lerher, Bojan Rosi, Iztok Potrč, Boris Jerman and Tomaž Kramberger, Performance Analysis of Shuttle-Based Storage and Retrieval Systems Versus Mini-Load Automated Storage and Retrieval Systems	
	50. Gavriel David Pinto, Amit Nir, Avi Mizrahi and Guy Kash, A Logistics Center Order Picking Method	
	64. Gorazd Hren and Andrej Predin, Evaluation of a Warehouse With Virtual Technologies	
	W7.B Supply Chain Management-2 (SCM-2) (papers: 75, 37, 7)	
75. Tal Avinadav and Tatyana Chernogog, Inventory and Marketing Policy in a Supply chain of a Perishable Product Under a Revenue Sharing Contract	Penina Orenstein	
37. Itai Levy, Yale Herer and Avraham Shtub, Integrating The Simulation-Based Training Approach with Teaching Supply-Chain Management		
7. Penina Orenstein, Mining Financial Relationship Data to Construct Visual Supply Chain Network Maps used to Characterize Network Structure, Evolution, and Performance.		
18:00-21:00	Gala dinner & virtual tour of ancient Beer-Sheva	