

Machine Learning in Engineering (MLE) 2022

9:30–10:00	Registration	
10:00–10:15	Welcome remarks	
10:15–11:35	Aviad Elyashar (SCE)	Machine Learning Algorithms for Improving Alternative Name Suggestion
	Irina Rabayev (SCE)	Digital Paleography in Hebrew
	Natalia Vanetik (SCE)	AMUSE summarization method for financial data
	Lin Miao (BGU)	An Interactive Analysis of User-reported Long COVID Symptoms using Twitter Data
11:35–12:10	Coffee Break	
12:10–13:30	Victor Kagalovsky (SCE)	Noise signal as input data in self-organized neural networks
	George Abu-Aqil <i>et al</i> **	Rapid identification and susceptibility determination of <i>Escherichia coli</i> isolated directly from patients' urine by infrared-spectroscopy
	Ofer Bar Lev (BGU), Isaac August (SCE), Adrian Stern (BGU)	Object localization and tracking in 3D Detection by Space-to-Time Encoding*
	Dima Bykhovsky (SCE)	How to Choose the Best MOOC for You*
13:30–14:00	Coffee Break	
14:00–15:40	Noam Brickman (BGU), Shlomo Greenberg (SCE)	DNN Training on the Edge
	Daniel Lilienthal, Ziv Brand, Etan Fisher (SCE)	Machine Learning Based Control Algorithm for Active Vibration Suppression of a Mechanical Flexure Hinge*
	Dimitri Alberg, Elroey Hada, Noa Treves, Roi Cohen (SCE)	Analysis and design of a business intelligence system for market assets*
	Sophie Krimberg (SCE)	Summarization of financial reports
	Omar Hmdia, Rizek Abu Madeghem <i>et al.</i> (SCE)	Offensive language detection in Hebrew: can other languages help?*
15:40–16:00	Concluding remarks	

Notes:

* In Hebrew

** George Abu-Aqil (BGU), Manal Suleiman (BGU), Uraib Sharaha (BGU), Klaris Riesenber (Soroka), Itshak Lapidot (Afeka), Mahmoud Huleihel (BGU), Ahmad Salman (SCE)