

Gathering, Coffee and Snaks		08:30-8:50
Opening remarks		8:50-9:00
The Universality Lens: Why Even Highly Over-Parametrized Models Learn Well? Keynote lecture by Meir Feder (Tel Aviv University) – Broadcom 001		09:00-09:50
Session 1, Chair: TBD – Broadcom 001		
<i>Twice-Universal Prediction in Over-Parameterized Linear Regression</i> Anton Tchaplianka and Meir Feder (Tel Aviv University)		09:50-10:10
<i>Constrained Universal Learning Under Misspecification</i> Shlomi Vituri and Meir Feder (Tel Aviv University)		10:10-10:30
<i>Optimal Quantization for Matrix Multiplication</i> Or Ordentlich (Hebrew University of Jerusalem, Israel); Yury Polyanskiy (MIT)		10:30-10:50
<i>High-Rate Nested-Lattice Quantized Matrix Multiplication with Small Lookup Tables</i> Iris Kaplan and Or Ordentlich (Hebrew University of Jerusalem, Israel)		10:50-11:10
Coffee Break		11:10-11:40
Session 2, Chair: TBD – Broadcom 001		
<i>Optimal Bookmaking for Binary Games</i> Alankrita Bhatt (Caltech); Or Ordentlich and Oron Sabag (Hebrew University of Jerusalem)		11:40-12:00
<i>Anonymous Shamir's Secret Sharings</i> Roni Con (Technion)		12:00-12:20
<i>Optimal Functional 2^{S-1}-Batch Codes: Exploring New Sufficient Conditions</i> Lev Yohananov and Isaac Barouch Essayag (Migal, Israel)		12:20-12:40
Lunch on Site		12:40-14:00
How to Improve the Information Rate and Speed of DNA Synthesis? Keynote lecture by Eitan Yaalobi (Technion)		14:00-14:50
Moving break		14:50-15:00
Session 3a, Chair: TBD – Social Work 001	Session 3b, Chair: TBD – Broadcom 001	
<i>Error-Correcting Codes for Labeled DNA Sequences</i> Dganit Hanania and Eitan Yaakobi (Technion, Israel)	<i>Optimal Overlap Detection for Shotgun Reads</i> Nir Luria and Nir Weinberger (Technion)	15:00-15:20
<i>Improved Constructions of Linear Codes for Insertions and Deletions</i> Roe Gross , Roni Con, and Eitan Yaakobi (Technion)	<i>Efficient Polar Systematic Encoder Without the Domination Contiguity Property</i> Idan Dekel , Yaron Shany, Ariel Doubchak, and Amit Berman (Samsung)	15:20-15:40
<i>Coding for Ordered Composite DNA Sequences</i> Besart Dollma (Technion); Ohad Elishco (Ben-Gurion University of the Negev); Eitan Yaakobi (Technion)	<i>Noise Recycling based Multi-Level Flash Memory</i> Gilli Horowitz Hadayo , Yuval Cassuto, and Alejandro Cohen (Technion)	15:40-16:00
<i>Complex DNA Synthesis Sequences</i> Boaz Moav and Eitan Yaakobi (Technion, Israel); Ryan Gabrys (Naval Information Warfare Center Pacific)	<i>An Upper Bound on the Capacity of Bandlimited LTI AWGN Channels Subject to Peak-Amplitude Constraint</i> Idan Tzachy (Technion); Ron Dabora (Ben-Gurion University); Shlomo (Shitz) Shamai (Technion)	16:00-16:20
Coffee Break – Broadcom 001		16:20-16:50
Session 4, Chair: TBD – Broadcom 001		
<i>DeepDIVE: Optimizing Input-Constrained Distributions for Composite DNA Storage via Multinomial Channel</i> Adir Kobovich , Eitan Yaakobi, and Nir Weinberger (Technion)		16:50-17:10
<i>Constrained Coding for Composite DNA: Channel Capacity and Efficient Constructions</i> Thanh Tuan Nguyen (Singapore University of Technology and Design); Chen Wang (Shandong University); Kui Cai (Singapore University of Technology and Design); Yiwei Zhang (Shandong University); Zohar Yakhini (IDC, Israel)		17:10-17:30
Concluding remarks		17:30-17:40