

Program

Geometry and Its Applications

ORT Braude College – December 19-20, 2018

Wednesday, December 19

10:30		Arrival and gathering
10:50 11:00	Professor Arie Maharshak, President ORT Braude College	Opening
11:00- 11:45	A. Samal The Institute of Mathematical Science	Geometry-inspired methods for analysis of complex networks
11:45- 12:30	M. Mendel The Open University	Nonpositive curvature is not coarsely universal
12:30- 13:45		Lunch
13:45- 14:30	R.L.M. Lui The Chinese University of Hong Kong	Parameterising flat-foldable surfaces with incomplete data
14:30- 15:15	E. Appelboim Technion	Bochner-Weizenböck Identity and Anomaly detection in Medi- cal Imaging
15:15- 15:30		Coffee
15:30- 16:15	J. Solomon Hebrew University	Singular Lagrangian intersections and the non-linear Cauchy-Riemann equation
16:15- 17:00	D. Blanc Haifa University	The topology of linkages
17:00	End first day	

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Thursday, December 20

10:00-10:45	N. Linial Hebrew University	What do we know about the large-scale metric of graphs?
10:45-11:00		Coffee
11:00-11:45	D. Fajman University of Vienna	On the evolution of geometries under the Einstein flow.
11:45-12:30	A. Leitner Weizmann Institute of Science	Generalized cusps on convex projective manifolds
12:30-13:45		Lunch
13:45-14:30	G. Weinstein Ariel University	Plumbing constructions and the domain of outer communication for 5-dimensional black holes
14:30-15:15	G. Elber Technion	Volumetric representations: the geometric modeling of the next generation
15:15-15:30		Coffee
15:30-16:15	G. Wolanskiy Technion	On Kantorovich (Wasserstein) metrics on probability measures, asymptotic distance, teleportation and optimal networks
16:15-16:20		Closing