The 20th Semi-Annual Israeli Workshop in Applied and Computational Mathematics

ORT Braude College – December 28, 2017

10:00	Name	Arrival and gathering
10:20-10:30		**Opening:** Professor Arie Maharshak, President ORT Braude College Professor Mark Elin, Mathematics Department Head, ORT Braude College
10:30-11:00	Marshall Slemrod University of Wisconsin, Madison & Weizmann Institute of Science	Hilbert's 6th Problem and the Failure of the Boltzmann to Euler Limit
11:00-11:30	Vadim Derkach, The Technion	A numerical study of surface diffusion and mean curvature motion in thin films
11:30-11:40		Coffee break
11:40-12:10	Walter Strauss Brown University	Steady States of Rotating Stars and Galaxies
12:10-12:40	Emil Saucan ORT Braude College	Forman's Ricci curvature: From Networks to Hyper-networks and back again
12:10-12:40	Alon Zilburg Tel Aviv University	Breakdown of classical solutions in compacton supporting equations
12:50-13:30		Lunch
13:30-14:15		**Posters session**
14:15-14:45	Gadi Fibich Tel Aviv University	Percolation of new products
14:15-14:45	Asaf Shachar The Hebrew University	Asymptotic Rigidity of Riemannian manifolds
15:15-15:25		Coffee break
15:25-15:55	Alon Zilburg Tel Aviv University	Breakdown of classical solutions in compacton supporting equations
15:55 16:25	Guy Gilboa The Technion	Processing images using nonlinear transforms