Mini-Workshop on Applied and Computational Mathematics

Institute of Mathematics, The Hebrew University
December 25th, 2018

Organizer: Raz Kupferman

Program

9:30-10:00	Gathering and refreshments	
10:00-10:30	Matan Gavish (Hebrew U)	Empirical evidence precede mathematical proof: case studies from data science
10:30-11:00	Ronny Kimmel (Technion)	Shape analysis by self functional maps
11:00-11:20	Coffee break	
11:20-11:50	Claude Bardos (Paris)	Onsager Conjecture, the Kolmogorov 1/3 law and the 1984 Kato Criteria in bounded domains with boundaries
11:50-12:20	Menachem Lazar (Bar Ilan)	Structure Analysis of Atomic Systems via Voronoi Topology
12:20-14:00	Lunch break at Halvrit	
14:00-14:30	Nir Sharon (Tel Aviv)	Estimation problems over groups in a noisy environment
14:30-15:00	Yariv Aizenbud (Tel Aviv)	Estimating a manifold from noisy samples
15:00-15:20	Coffee break	
15:20-15:50	Jonathan Ben Artzi (Cardiff)	Functional inequalities in absence of spectral gaps
15:50-16:20	Philip Rosenau (Tel Aviv)	The tale of two tails