

WORKSHOP ON TOPOLOGY AND GEOMETRY IN LOW DEGREES

(on the occasion of Sergey Finashin's 60-th birthday)

Date : December 20-21, 2018

Place: IMBM Seminar Room, Boğaziçi University South Campus

PROGRAM

December 20, 2018, Thursday

09.30-10.30: Selected open problems from joint works with Sergey Finashin

Viatcheslav Kharlamov (University Strasbourg)

11.00-12.00: Deformation Classes of Singular Quartic Surfaces

Çisem Güneş Aktaş (Abdullah Gül University)

12.00-13.30: Lunch

13.30-14.30: A filtration on the Borel-Moore Homology of the Wonderful Compactification of some Symmetric Spaces

Yıldırım Ozan (Middle East Technical University)

14.45-15.45: Lagrangian manifolds and tropical curves

Grigory Mikhalkin (University Geneva)

16.00-17.00: Refined enumeration of elliptic curves in toric surfaces

Eugenii Shustin (Tel Aviv University)

December 21, 2018, Friday

09.30-10.30: Cremona Transformations of Plane Configurations of 6 Points

Remziye Arzu Zabun (Gaziantep University)

11.00-12.00: Real and Complex Line Arrangements

Özgür Kişisel (Middle East Technical University)

12.00-13.30: Lunch

13.30-14.30: Open books decompositions of links of minimally elliptic singularities

Mohan Bhupal (Middle East Technical University)

14.45-15.45: Tilings, packings and expected Betti numbers in simplicial complexes

Jean-Yves Welschinger (University Lyon 1)

16.00-17.00: Lower estimates for the expected Betti numbers of random subcomplexes in a finite simplicial complex

Nermin Salepci (University Lyon 1)