

BOS workshop on Stochastic Geometry

Wednesday

14.15 - 15.00 Matthias Schulte: Limit theorems for Poisson functionals in stochastic geometry

15.05 - 15.35 Holger Sambale: Probabilistic limit theorems and the zeros of polynomials

coffee break

16.15 - 16.45 Bernhard Hafer: Compound Poisson approximation of random simplicial complexes

16.50 - 17.20 Benedikt Rednoß: A second-order Gaussian Poincaré inequality with appl. to random graphs

Thursday

10.00 - 10.45 Christian Hirsch: Normal approximation of Gibbsian functionals via disagreement couplings

coffee break

11.30 - 12.00 Daniel Willhalm: Lower large deviation for geometric functionals in sparse and dense regimes

lunch break

14:30 - 15:00 Lotte Weedage: Degree distributions in AB random geometric graphs

15.05 - 15.50 Dieter Mitsche: Cluster-size decay in supercritical long-range percolation

coffee break

16.15 - 16.45 Daniel Rosen: Fluctuations of λ -geodesic Poisson hyperplanes in hyperbolic space

19.00 dinner

Friday

10.00 - 10.45 Benedikt Jahnel: Subcritical percolation phases for generalized weight-dependent random connection models

coffee break

11.00 - 11.30 Lianne de Jonge: Coverage by an inhomogeneous Poisson cylinder model

11.30 - 12.00 Nils Heerten: The proportion of triangles in Poisson line tessellations