



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

IMBM PROBABILITY DAYS

Saturday, May 19, 2018

9.30 Mine Çağlar (Koç University) *An Introduction to Levy processes*

10.45 Mohan Ravichandran (Mimar Sinan University) *Suprema of Gaussian processes and applications*

12.00 - 13.15 *Lunch*

13.15 Mehmet Akif Yıldız (Boğaziçi University) *Hitting times, cover times and random walks on graphs*

14.30 Murad Ramanovski (Koç University) *Density dependent jump Markov processes and epidemic models*

15.15 Arda Akdemir (Boğaziçi University) *Search engines and NLP around Pagerank and LexRank*

16.00 Sonya Javadi (Sabancı University) *Probability and philosophy*

16.45 Ümit Işlak (Boğaziçi University) *Stein's method and exchangeable pairs*

Sunday, May 20, 2018

9.30 Hakan Kalaycı (Boğaziçi University) *The Lovasz Local Lemma: Applications and A constructive proof*

10.45 Sinan Yıldırım (Sabancı University) *Bayesian statistics and Monte Carlo methods*

12.00 - 13.15 *Lunch*

13.15 Taylan Cemgil (Boğaziçi University) *Poisson Process, graphical models and non-negative matrix factorization*

14.30 Ella Hiesmayr (Koç University) *Stein's method and distributional approximations for hitting times*

15.15 Bora Örgen (Boğaziçi University) *Introduction to branching processes and Mandelbrot percolation*

16.00 Özgür Asar (Acıbadem University) *Statistical modelling for population and personalised health*

16.45 Ümit Işlak (Boğaziçi University) *Backward processes and convergence rates for Markov chains*

Place : IMBM Seminar Room, Boğaziçi University South Campus