

**Analysis and Probability**  
**27-28 September 2018**  
**University of Oxford**  
**L2**

**Thursday, 27 September**

- 9:30 Registration  
10:00-11:00 Mikhail Sodin, *Nodal sets of random spherical harmonics*  
11:00-11:30 Coffee  
11:30-12:30 Xavier Tolsa, *Harmonic measure via blowups, monotonicity formulas, and Riesz transforms*  
12:30-14:00 Lunch  
14:00 -15:00 Kari Astala, *Liquid domains and dimer models; universality for geometry of frozen boundaries*  
15:00-15:30 Coffee  
15:30-16:30 Andrei Okounkov, *Bethe Ansatz from different perspectives*  
16:30-17:30 Yilin Wang, *The Loewner energy of a simple loop on the Riemann sphere*

**Friday, 28 September**

- 9:30-10:30 Alexei Poltoratski, *Toeplitz methods in spectral problems for canonical Hamiltonian systems*  
10:30-11:00 Coffee  
11:00-12:00 Eero Saksman, *On multiplicative chaos*  
12:00-13:00 Lunch  
13:00-14:00 Oleg Ivrii, *Describing Blaschke products by their critical points*  
14:00 -15:00 Nikolai Makarov, *Calculus on Riemann surfaces*