

Conference programme „Analytic aspects of number theory“, May 18 - 22, 2015 ETH Zurich, HG G 19.1

	Monday	Tuesday	Wednesday	Thursday	Friday
08:45	08:45 - 09:30 Registration (G 69)				
09:00			09:00 - 10:00 Christopher Skinner Special value formulae and elliptic curves of rank zero and one		
	09:30 - 10:30 Dinakar Ramakrishnan Hilbert Modular Forms and Hereditary Traces	09:30 - 10:30 Kaisa Matomäki Around the Möbius function I		09:30 - 10:30 Alex Kontorovich Applications of Thin Orbits	09:30 - 10:30 Özlem Imamoglu (tba)
10:00	Coffee break (G 69)	Coffee break (G 69)	Coffee break (G 69)	Coffee break (G 69)	Coffee break (G 69)
			10:30 - 11:30 Chantal David Averages of Euler products and statistics of elliptic curves Joint work with D. Koukoulopoulos and E. Smith.		
11:00	11:00 - 12:00 James Maynard Long gaps between primes	11:00 - 12:00 Maksym Radziwiłł Around the Möbius function II	Coffee break (G 69)	11:00 - 12:00 Ritabrata Munshi The subconvexity problem for symmetric square L-functions	11:00 - 12:00 Zeev Rudnick Analytic number theory in function fields
12:00	12:00 - 14:00 Conference Buffet lunch		12:00 - 13:00 Nicolas Templier Weyl's law in the theory of automorphic forms		
13:00					
14:00	14:00 - 15:00 Paul Nelson Quadratic statistics on quaternion algebras	14:00 - 15:00 Alex Lubotzky From Ramanujan graphs to Ramanujan complexes		14:00 - 15:00 Kannan Soundararajan Variance of divisor functions in progressions	
15:00	Coffee break (G 69)	Coffee break (G 69)		Coffee break (G 69)	
	15:30 - 16:30 Broadcast in D 16.2 Joël Bellaïche The number of non-zero coefficients of modular forms modulo p	15:30 - 16:30 Arul Shankar Second main terms for cubic and quartic fields		15:30 - 16:30 Igor Wigman On probability measures arising from lattice points on circles	
16:00					
				18:00 Conference Dinner	