

X LUKUTEORIAN PÄIVÄT



AALTO-YLIOPISTOSSA 28.–29. TOUKOKUUTA 2015.

	TORSTAI	PERJANTAI	
09:30 – 10:00	COFFEE AND REGISTRATION	Iván Blanco Hirzebruch-Zagier cycles, Hilbert-modular forms and a p-adic Gross-Zagier formula	09:30 – 10:15
10:00 – 10:45	Kaisa Matomäki Multiplicative functions in short intervals	COFFEE	10:15 – 10:30
10:45 – 11:00	BREAK	Preda Mihailescu On Catalan's conjecture	10:30 – 11:15
11:00 – 11:30	David Karpuk Number theoretic duality theorems	Ha Tran The size function of a number field	11:15 – 11:45
11:30 – 12:00	Anne-Maria Ernvall-Hytönen Li coefficients of functions not satisfying the Riemann hypothesis	Jukka Kohonen The postage stamp problem: Additive number theory applied to optimization of computations	11:45 – 12:15
12:00 – 12:30	Kari Eloranta A problem with two faces: Erdos and Keane	LUNCH	12:15 – 13:30
12:30 – 13:45	LUNCH	Topi Törmä On irrationality exponents of generalized continued fractions with bounded partial coefficients	13:30 – 14:00
13:45 – 14:15	Alex Karrila Geometric design criteria for lattice wiretap codes	Keijo Väänänen On certain degree 2 Mahler functions	14:00 – 14:30
14:15 – 14:45	Joni Teräväinen Almost primes in almost all short intervals	Jorma Merikoski On perpendicularity of rational numbers	14:30 – 15:00
14:45 – 15:15	Tapani Matala-aho On Siegel's Lemma	COFFEE	15:00 – 15:15
15:15 – 15:45	COFFEE	Wen Wu On the regular sum-free sets	15:15 – 15:45
15:45 – 16:15	Jesse Jääsaari Exponential sums related to Maass forms, part 1	Jukka Pihko Reminiscences of a retired number theorist 3	15:45 – 16:15
16:15 – 16:45	Esa Vesalainen Exponential sums related to Maass forms, part 2		