

Conference Schedule

Monday—Friday, 9:00 AM—5:00 PM (Thursday afternoon free)
Talks will be at the Rātā E16 Lecture Theatre

Monday

Time	Talk	Duration
08:40—09:00	Registration	20 min
09:00—09:10	Welcome and opening remarks	10 min
09:10—10:00	Peng Gao—Twisted fourth moment of Dirichlet L-functions to a fixed modulus	50 min
10:05—10:30	Maurice Rojas—New Quantitative Bounds for p -adic Fewnomials	25 min
10:30—11:00	Morning Tea	
11:00—11:15	Muhammad Afifurrahman—Moments of restricted divisor functions (I)	15 min
11:20—11:35	Chandler Corrigan—Moments of restricted divisor functions (II)	15 min
11:40—11:55	Chiara Bellotti—Recent progress on explicit zero-density estimates near unity	15 min
12:00 —12:15	Michael Harm—Refinements for primes in arithmetic progressions	15 min
12:20—12:35	Shashi Chourasiya—An explicit form of Ingham’s zero density estimate for the zeta	15 min
14:00—14:50	Alexei Skorobogatov—The Brauer group of an abelian variety	50 min
14:50—15:15	Sneha Chaubey—On the distribution of Kloosterman angles	25 min
15:15—16:00	Afternoon Tea	
16:00—16:15	Victor Lu—16-Descent on Elliptic Curves	15 min
16:20—16:35	Yiannis Fam—An exceptional L -packet in small residue characteristic	15 min
16:40—16:55	Mridul Biswas—Severi–Brauer Bundle Violating the Hasse Principle	15 min

Tuesday

Time	Talk	Duration
09:00—09:50	Igor Shparlinski—Counting Questions for Linear Recurrence Sequences and S -unit equations	50 min
10:00—10:25	Alina Ostafe—On the Skolem Problem for parametric families of linear recurrences	25 min
10:25—11:00	Morning Tea	
11:00—11:15	Raiza Corpuz—Congruences of p -adic L -functions of modular forms at non-ordinary primes	15 min
11:20—11:35	Daniel Johnston—Do Geese see God? An exploration of recent results on Palindromic Numbers	15 min
11:40—11:55	Jordy Pertile—Sharper Explicit Bounds for Discriminants via Stark’s Lemma	15 min
12:00—12:15	Simon Thomas—Almost primes between all cubes	15 min
12:20—12:35	Liang Wang—Metric Poissonian pair correlation for real sequences	15 min
14:00—14:15	Riddhi Manna—Sun’s conjecture on the summatory function of $(-2)^{\Omega(n)}$	15 min
14:20—14:35	Siddharth Iyer—Gaps between quadratic forms	15 min
14:40—14:55	Gustav Kjaerbye Bagger —Detecting primitive elements in finite fields	15 min
15:00—15:15	Sebastian Tudzi—Certain Arithmetic Functions Involving the G.C.D.	15 min
15:35—16:00	Afternoon Tea	
16:00—16:50	Ilaria Viglino—Moment estimates of module lattice points for effective lattice constructions	50 min

Wednesday

Time	Talk	Duration
09:00—09:50	Steven Galbraith—Isogeny graphs of elliptic curves and cryptographic applications	50 min
10:00—10:25	Florian Breuer—SeCritMass: Threshold Secret Petitions	25 min
10:25—11:00	Morning Tea	
11:00—11:15	Derek Perrin—Ordinary isogeny graphs with level structure	15 min
11:20—11:35	Blair Butler—The Field of Definition of Shioda’s Rank 68 Elliptic Surface is a Number Field of Degree 829,440	15 min
11:40—12:05	Valerio Talamanca—On Symmetries of Height Functions Associated to a Class of Representations of $\mathbb{G}_m^d$	25 min
14:00—14:50	James Borger —Scheme theory over semirings	50 min
14:50—15:15	Subham Bhakta—Quantum ergodicity for cat maps modulo prime powers	25 min
15:15—16:00	Afternoon Tea	
16:00—16:25	László Szalay—On p -periodic linear recurrences	25 min
16:30—16:55	Fabien Pazuki—Isogeny volcanoes: an ordinary inverse problem	25 min
17:15—21:00	Conference Dinner	

Thursday (Morning Only)

Time	Talk	Duration
09:00—09:50	Harald Helfgott —Optimal bounds on sums of arithmetic functions	50 min
10:00—10:25	Tim Trudgian—Make ANTEDB Great Again!	25 min
10:25—11:00	Morning Tea	
11:00—11:25	Simon Rutard—Analytic properties of Witten zeta functions	25 min
11:30—11:55	Cai Tianxin—Some number theory problems related to binomial coefficients	25 min
12:00—12:25	David Harvey—Integer multiplication is at least as hard as matrix transposition	25 min

Friday

Time	Talk	Duration
09:00—09:50	Mumtaz Hussain—The Generalised Baker–Schmidt Problem	50 min
10:00—10:25	Chao Qin—From Gauss to Bianchi: An Algorithm for Computing Class Representatives of Binary Hermitian Forms	25 min
10:25—11:00	Morning Tea	
11:00—11:50	Lola Thompson—Sums of proper divisors meet integers with missing digits	50 min
13:30—13:55	Neea Palojärvi—On Turing’s method for Artin L -functions and the Selberg class	25 min
14:00—14:25	Shin-ya Koyama—Chebyshev’s bias and the Deep Riemann Hypothesis	25 min