

Time SL 212 SL 310 SL 306 SL 302

Saturday

9:00-9:50	Alexandra Shlapentokh	On First-Order Definability and Decidability Problems Over Number Fields and their Infinite Algebraic Extensions
10:00-10:50	Joe Silverman	Complexity Growth in Algebraic Geometry, Number Theory, and Dynamics

11:00-11:25	Wade Hindes	Integral points in dynamical orbits	Brian Hwang	Local models of Shimura varieties	Alicia Marino	Strictly k-Regular Quadratic Forms
11:30-11:55	T. Alden Gassert	Computing weights of higher order Weierstrass points on families of complex algebraic curves via Sylvester sums.	Fan Zhou	Voronoi formula and balanced Voronoi formulas	Travis Morrison	Non-norms of global fields are diophantine
12:00-12:25	Jamie Juul	The arboreal Galois representation of a PCF cubic polynomial	Jeffrey Hatley	Rank Parity for Congruent Modular Forms	Sonny Arora	Constructing Genus 3 Curves with a Given Number of Points
12:30-12:55	Junwen (Wayne) Peng	How to Image a One Dimensional Perfectoid Space, and its Application on Dynamical Systems	Jack Buttcane	Higher weight on $GL(3)$	Anna Haensch	Almost universal ternary sums of polygonal numbers

1:00-2:25 Lunch

2:30-3:20	Mel Nathanson	Problems in additive number theory and some applications of commutative algebra
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3:30-3:55	Claire Burrin	Dedekind sums associated to arbitrary lattices in $SL(2, R)$	Jaiung Jun	Geometry of hyperfields	Alisa Sedunova	Integral points on algebraic curves
4:00-4:25	Kwangho Cho	Multiplicities in restriction of tempered representations of Sp_n -adic groups	Vaidehee Thattai	Ramification Theory for Arbitrary Valuation Rings in Positive Characteristic	Krzysztof Pawelec	Mean Values and Value Distribution of $L'/L(1+it, \chi)$
4:30-4:55	Edmund Karasiewicz	Fourier Coefficients of a Minimal Parabolic Eisenstein Series on the Double Cover of $SL(3)$ over \mathbb{Q}	Álvaro Lozano-Robledo	A probabilistic model for the distribution of ranks of elliptic curves over \mathbb{Q}	Cesar Lupu	Analytic aspects in the evaluation of some multiple zeta values and multiple Hurwitz zeta values
5:00-5:25	Keping Huang	Generalized Greatest Common Divisors for the Orbits under Rational Functions	Erik Wallace	Rank gain of Jacobians over finite Galois Extensions	Junxian Li	A lower bound for the least prime in an arithmetic progression
5:30-5:55	George Grell	Galois Groups of Iterated Quadratic Rational Maps whose Critical Orbits Collide	Daniel Miller	Galois representations with specified Sato-Tate distributions	Simon Rydin Myerson	Diophantine inequalities in many variables

6:00-6:25
7:00-10:30 Banquet

Sunday

9:00-9:50	Michael Filaseta	"49598666989151226098104 244512918"
10:00-10:50	Tom Hales	The Spherical Hecke algebra, partition functions, and motivic integration
11:00-11:50	Jeff Lagarias	Polynomial splitting measures, braid group cohomology and hyperplane arrangements

Lunch
1:00-2:00 Problem Session