

Time SL 212 SL 310 SL 306 SL 302

Saturday

8:30-9:00

Packet pick-up and registration

9:00-9:50

Alexandra Shlapentokh	On First-Order Definability and Decidability Problems Over Number Fields and their Infinite Algebraic Extensions
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10:00-10:50

Joe Silverman	Complexity Growth in Algebraic Geometry, Number Theory, and Dynamics
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11:00-11:25

Wade Hindes	Integral points in dynamical orbits
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Brian Hwang	Arithmetic moduli spaces of abelian varieties and limit linear series on curves
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Alicia Marino	Strictly k-Regular Quadratic Forms
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11:30-11:55

George Grell	Galois Groups of Iterated Quadratic Rational Maps whose Critical Orbits Collide
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Fan Zhou	Voronoi formula and balanced Voronoi formulas
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Travis Morrison	Non-norms of global fields are diophantine
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12:00-12:25

Jamie Juul	The arboreal Galois representation of a PCF cubic polynomial
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Jeffrey Hatley	Rank Parity for Congruent Modular Forms
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Sonny Arora	Constructing Picard Curves with Complex Multiplication
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12:30-12:55

Junwen (Wayne) Peng	How to Image a One Dimensional Perfectoid Space, and its Application on Dynamical Systems
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Jack Buttcane	Higher weight on $GL(3)$
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Anna Haensch	Almost universal ternary sums of polygonal numbers
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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 $SL(2, R)$
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Jaiung Jun	Geometry of hyperfields
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Alisa Sedunova	Integral points on algebraic curves over function fields
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4:00-4:25

Kwangho Choi	Multiplicities in restriction of tempered representations of p-adic groups
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Vaidehee Thatte	Ramification Theory for Arbitrary Valuation Rings in Positive Characteristic
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Krzysztof Pawelec	Mean Values and Value Distribution of $L'/L(1+it, \chi)$
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4:30-4:55

Edmund Karasiewicz	Fourier Coefficients of a Minimal Parabolic Eisenstein Series on the Double Cover of $SL(3)$ over \mathbb{Q}
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Álvaro Lozano-Robledo	A probabilistic model for the distribution of ranks of elliptic curves over \mathbb{Q}
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Cesar Lupu	Analytic aspects in the evaluation of some multiple zeta values and multiple Hurwitz zeta values
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5:00-5:25

Joe Hundley	On holomorphy of adjoint L-functions
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Erik Wallace	Rank gain of Jacobians over finite Galois Extensions
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Junxian Li	A lower bound for the least prime in an arithmetic progression
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5:30-5:55

Keping Huang	The Greatest Common Divisors for the Orbits under Polynomial Functions
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Daniel Miller	Galois representations with specified Sato-Tate distributions
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Simon Rydin Myer	Diophantine inequalities in many variables
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7:00-10:30

Banquet

Sunday

9:00-9:50

Michael Filaseta	"49598666989151226098104 244512918"
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10:00-10:50

Tom Hales	The Spherical Hecke algebra, partition functions, and motivic integration
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11:00-11:50

Jeff Lagarias	Polynomial splitting measures, braid group cohomology and hyperplane arrangements
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Lunch

1:00-2:00

Problem Session