

Schedule for Short Talks: Strength in Numbers

Venue: Jeffery Hall, located at 48 University Avenue, Kingston, ON

Friday, May 11, 2018

TIME	ROOM 101	ROOM 110	ROOM 115	ROOM 118
11:10 - 11:30	Asmita Sodhi <i>Integer-Valued Polynomials and a Game Called p-ordering</i>	Andrew Kobin <i>Understanding Artin-Schreier Covers of Stacks</i>	Kim Klinger-Logan <i>Differential Equations in Automorphic Forms</i>	François Séguin <i>The 2-variable Artin Conjecture</i>
11:40 - 12:00	Abdullah Al-Shaghay <i>Irreducibility and Roots of a Class of Polynomials</i>	Hayley Tomkins <i>Constructing Generators of Free Subgroups of $\mathrm{PGL}_2(\mathbb{F}_p((x)))$</i>	Hanson Smith <i>Monogenic S_4 Quartic Fields Arising from Elliptic Curves</i>	Seoyoung Kim <i>Sato-Tate Conjecture and Nagao's Conjecture</i>
12:10 - 12:30		Beatrice Chetard <i>Graded Character Rings</i>	Anup Dixit <i>On the Universality of Certain L-functions</i>	Amy Beth Prager <i>Underrepresented Groups in Math and CS</i>

12:30 - 1:45 : LUNCH BREAK

TIME	ROOM 101	ROOM 110	ROOM 115	ROOM 118
1:45 - 2:05	Debanjana Kundu <i>On the $\mu = 0$ Conjecture for Split Prime \mathbb{Z}_p-Extensions</i>	Wayne Peng <i>When can two Arboreal Representations be Isomorphic?</i>	Kamalakshya Mahatab <i>Large Values of Riemann Zeta Function and Dirichlet L-Functions</i>	Andre Oliveira <i>Continued Fractions and Geodesics on the Modular Surface</i>
2:15 - 2:35	Matthew Welsh <i>Parametrization, Approximation, and Spacing of Roots of Cubic Congruences</i>	Abhishek Oswal <i>Curves over \mathbb{Q}_p with Torsion Points of High Order in their Jacobians</i>	Divyum Sharma <i>Joint Distribution of the Base-q and Ostrowski Digital Sums</i>	Emilia Alvarez <i>Introduction to Random Matrix Theory in Number Theory</i>
2:45 - 3:05		Caroline Matson <i>Higher Dimensional Formal Groups</i>	David Nguyen <i>Breaking the Square Root Barrier</i>	Gaurav Patil <i>On an Approach to the Inverse Galois Problem</i>
3:15 - 3:35		Patrick Milano <i>Long Exact Sequences in Arithmetic Cohomology</i>	Jiuya Wang <i>Malle's Conjecture for Compositum of Number Fields</i>	Brandon Gill <i>Bounded Primes for Hypergeometric Series</i>
3:45 - 4:05		Allysa Lumley <i>Distribution of Values of L-functions associated to Hyperelliptic Curves over Finite Fields</i>	Somnath Kundu <i>Network Bargaining Games : A Fairness Approach</i>	Siddhesh Wagh <i>Maass space for Liftings from $SL(2, \mathbb{R})$ to $GL(2, B)$ over a Division Quaternion Algebra</i>