

PALMETTO Number Theory Series XXVIII

University of Tennessee, September 16-17, 2017

Schedule of Activities

Talks will take place at Min Kao 524 and 525. Refreshments will be available in the hall in front of these rooms.

Saturday, September 16, 2017

8:30-9:00		Registration, coffee and other refreshments
9:00-9:20	Min Kao 524	Zhenchao Ge (University of Mississippi) <i>The least rational prime that splits completely in a Galois number field</i>
	Min Kao 525	Frank Thorne (University of South Carolina) <i>Uniformity in Landau's method</i>
9:30-9:50	Min Kao 524	Bach Nguyen (Louisiana State University) <i>Discriminant of Quantum Schubert Cell Algebras via Poisson Geometry</i>
	Min Kao 525	Micah Milinovich (University of Mississippi) <i>Fourier optimization and gaps between consecutive primes</i>
10:00-10:20	Min Kao 524	Olivia Beckwith (Emory University) <i>Indivisibility of class numbers of imaginary quadratic fields</i>
	Min Kao 525	Fred Moxley (Louisiana State University) <i>Eighth Hilbert Problem</i>
10:20-10:40		Coffee Break

10:40-11:40	Min Kao 524	Spencer Leslie (Boston College) <i>A Generalized Lifting Via Higher Theta Functions</i>
11:45-12:05	Min Kao 524	Dong Dong (UIUC) <i>Polynomial Roth type theorems in Finite Fields</i>
	Min Kao 525	Frank Garvan (University of Florida, Gainesville) <i>New Ramanujan Mock Theta Function Identities</i>
12:05-2:05		Lunch
2:05-3:05	Min Kao 524	John Voight (Dartmouth College) <i>Heuristics for units in number rings</i>
3:05-3:25		Coffee Break
3:25-3:45	Min Kao 524	Catherine Hsu (University of Oregon) <i>Higher Eisenstein Congruences</i>
	Min Kao 525	Alex Berkovich (University of Florida) <i>Euler's Pentagonal theorem and $(q)_m$</i>
3:55-4:15	Min Kao 524	Ian Wagner (Emory University) <i>Harmonic Maass form eigencurves</i>
	Min Kao 525	Thai Hoang Le (University of Mississippi) <i>Additive bases in groups</i>
4:25-5:25	Min Kao 524	Nick Andersen (UCLA) <i>Polyharmonic Maass forms</i>

Sunday, September 17, 2017

8:30-9:00	Coffee and other refreshments	
9-9:20	Min Kao 524	Victor Manuel Aricheta (Emory University) <i>Supersingular Elliptic Curves and Sporadic Groups</i>
	Min Kao 525	Stevo Bozinovski (South Carolina State Univ.) <i>Divergent series, an approach</i>
9:30-9:50	Min Kao 524	Madeline Locus Dawsey (Emory University) <i>A New Formula for Chebotarev Densities</i>
	Min Kao 525	Armin Straub (University of South Alabama) <i>A modular supercongruence for ${}_6F_5$: An Apéry-like story</i>
10:00-11:00	Min Kao 524	Michael Zieve (University of Michigan) <i>Near-injectivity of rational functions over number fields</i>
11-11:20	Coffee Break	
11:20-11:40	Min Kao 524	Christopher Keyes (Tufts University) <i>Growth of points on hyperelliptic curves</i>
	Min Kao 525	Jon Grantham (IDA/CCS) <i>Parallel Computation of Primes of the Form $x^2 + 1$</i>
11:50-12:10	Min Kao 524	Spencer Saunders (University of South Carolina) <i>Polynomials of Small Mahler Measure with No Newman Multiples</i>
	Min Kao 525	Tom Wright (Wofford College) <i>An almost-theorem for Carmichael numbers with limited numbers of prime factors</i>
12:20-12:40	Min Kao 524	Huixi Li (Clemson University) <i>Frobenius Distributions in Short Intervals for CM Elliptic Curves</i>
	Min Kao 525	Michael Mossinghoff (Davidson College) <i>The Lind-Lehmer constant for certain p-groups</i>