MASON V(irtual) Mid Atlantic Seminar On Numbers

Schedule: March 27th 2021

	Room A	Room B
11:15 AM	**Coffee and Mingling**	
12:00 PM	**Opening Remarks**	
12:05 PM	**Jon Grantham** IDA/CCS **Reversed Sum-Product Pairs**	**Matteo Bordignon** U. of New South Wales Canberra **Some new results on the explicit Pólya-Vinogradov inequality**
12:35 PM	**Michael Mossinghoff** Center for Communications Research **Wolstenholme and Vandiver primes**	**Pengyong Ding** Pennsylvania State University **On a variance associated with the distribution of real sequences in arithmetic progressions**
1:05 PM	**Matthew Litman** University of California, Davis **Distinct Residues of Lucas Polynomials over $\mathbb{F}_p$**	**Steven Jin** University of Maryland **An Elliptic Curve Analogue of Pillai's Bound on Least Primitive Roots**
1:35 PM	**Utkal Keshari Dutta** Sambalpur University **Euler-Zagier multiple balancing-like L-functions associated to Dirichlet characters**	**Amod Agashe** Florida State University **A generalization of Kronecker's first limit formula with application to zeta functions of number fields**
2:00 PM	**Break**	
2:30 - 3:25 PM	**Edray Goins** Pomona College **Visualizing Toroidal Belyĭ Pairs**	
3:40 PM	**Wendell Ressler** Franklin & Marshall College **Conjugacy classes and rational period functions for the Hecke groups**	**Max Alekseyev** George Washington University **Enumeration of Payphone Permutations**
4:10 PM	**Ian Whitehead** Swarthmore College **Apollonian packings and Kac-Moody Root Systems**	**Christopher Keyes** Emory University **An upper bound for the number of arithmetical structures on a graph**
4:40 PM	**Hester Graves** IDA/CCS **The abc conjecture shows that there are infinitely many s-Cullen numbers**	**Lisa Cenek, Brittany Gelb** Amherst College, Muhlenberg College **Interactive Theorem Proving with Lean**
5:00 PM	**Problem Session**	

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Schedule: Sunday March 28th 2021

	Room A	Room B
8:00 AM	**Opening Remarks**	
8:05 AM	**Shaoyun Yi** University of South Carolina **On counting cuspidal automorphic representations of GSp(4)**	**Damanvir Singh Binner** Simon Fraser University **The Number of Solutions to $ax + by + cz = n$ and its Relation to Quadratic Residues**
8:35 AM	**Shashika Petta Mestrige** Louisiana State University **Congruences for some partition functions**	
9:00 - 9:55 AM	**Edna Jones** Rutgers University **An Asymptotic Local-Global Principle for Integral Kleinian Sphere Packings**	
10:00 AM	**Break**	
10:35 AM	**Xander Faber** IDA / Center for Computing Sciences **Totally T-adic Functions of Small Height**	**Hayder Hashim** University of Debrecen **Diophantine equations involving linear recurrence sequences**
11:05 AM	**Vasily Bolbachan** Higher School of Economics, Moscow **Functional Equations for Elliptic Dilogarithm**	**Kisan Bhoi** Sambalpur University **Narayana numbers as sum of two repdigits**
11:35 AM	**Shivani Goel** Indraprastha Institute of Information Technology **Moments of Ramanujan Sums over Number Fields**	**Rafik Zeraoulia** University of Batna 2 **On congruence of the iterated form $\sigma^k(m) = 0 \bmod m$**
12:05 AM	**Anwesh Ray** University of British Columbia **Arithmetic statistics and Iwasawa theory**	**Evangelos Nastas** SUNY **A Generalization of the Ramanujan-Nagell Theorem**