

## MASON: Mid Atlantic Seminar On Numbers

Schedule: Saturday April 7th 2018

	Room 121	Room 122
9:00 AM	Registration and Coffee	
10:00 AM	<b>Joshua Harrington</b> Cedar Crest College <b>Odd Coverings of Subsets of the Integers</b>	
10:30 AM	<b>Jon Grantham</b> IDA/CCS <b>Yet Another Conjecture of Goldbach: Preliminary Results</b>	<b>Eva Goedhart</b> Lebanon Valley College <b>Solving Some Diophantine Equations with Linear Forms in Logarithms</b>
11:00 PM	Break	
11:15 PM Room 205	<b>Wen-Ching Winnie Li</b> Penn State University <b>Distribution of primes</b>	
12:15 PM	Lunch	
2:00 PM Room 205	<b>Alex Kontorovich</b> Rutgers University <b>Circles and Numbers</b>	
3:00 PM	Break	
3:30 PM	<b>Thomas Hulse</b> Morgan State University <b>Some Applications of Shifted Sums</b>	<b>John Webb</b> James Madison University <b>A simple plan for calculating bases of modular forms</b>
4:00 PM	<b>Alexander Walker</b> Brown University <b>Long Arithmetic Progressions in Digit-Excluding Sets</b>	<b>Michael Bush</b> Washington and Lee University <b>Non-abelian generalizations of the Cohen-Lenstra heuristics</b>
4:30 PM	<b>Lola Thompson</b> Oberlin College <b>Divisor-sum fibers</b>	<b>Charles Samuels</b> Christopher Newport University <b>The continuous adeles on the field of algebraic numbers</b>
5:00 PM Room 205	Problem Session	

# MASON: Mid Atlantic Seminar On Numbers

Schedule: Sunday April 8th 2018

	Room 121	Room 122
9:30 AM	<b>Cassie Williams</b> James Madison University TBA	<b>Russell Hendel</b> Towson University <b>Further Exploration of Tagiuri Generated Families of Fibonacci Identities</b>
10:00 AM	<b>Amita Malik</b> Rutgers University <b>Restricted partitions analysis</b>	<b>Scott Parsell</b> West Chester University <b>The underlying congruences in Waring's problem</b>
10:30 AM	<b>Max Alekseyev</b> George Washington University <b>On partitions into squares of dis- tinct integers whose reciprocals sum to 1</b>	<b>Michael Knapp</b> Loyola University of Maryland <b>Integral values of generating func- tions of Fibonacci-like sequences</b>
11:00 AM	<b>Break</b>	
11:15 AM Room 205	<b>Jennifer Park</b> University of Michigan <b>Chabauty-Coleman Method for Rational Points on Varieties</b>	