M_{id}A_{tlantic} S_{eminar} O_n N_{umbers} III

Saturday and Sunday, February 23-24, 2019 at James Madison University

Schedule

Saturday, February 23

9:00 **Registration, coffee, and refreshments**

9:30 [Burruss 031] **Jesse Thorner** (Stanford University), *A new approach to bounding L-functions*

10:30 **Break**

11:00 [Burruss 031] **Anna Haensch** (Duquesne University), *Spinor Regular Ternary Quadratic Forms*

[Burruss 032] **Lindsey-Kay Lauderdale** (Towson University), *On the Intersection Numbers of Finite Groups*

11:30 [Burruss 031] **Eva Goedhart** (Lebanon Valley College), *An Application of Continued Fractions to Solving Diophantine Equations*

[Burruss 032] **Charles Samuels** (Christopher Newport University), *The Completion of the Direct Limit of Adèle Rings*

12:00 [Burruss 031] **Michael Knapp** (Loyola University Maryland), *Counterexamples to a Conjecture of Norton*

[Burruss 032] **Huy Dang** (University of Virginia), *The refined local lifting problem for curves*

12:30 **Lunch**

2:30 [Burruss 031] **Abbey Bourdon** (Wake Forest University), *Sporadic Points on Modular Curves*

3:30 **Break**

4:00 [Burruss 031] **Gretchen Matthews** (Virginia Tech), *Algebraic function fields and code-based cryptography*

[Burruss 032] **Jon Grantham** (IDA/CCS), *Episode III: German Conjectures, an Italian Poet, and Brazilian Primes*

4:30 [Burruss 031] **René Christensen** (Aalborg University, Denmark), *On nested code pairs from the Hermitian curve*

[Burruss 032] **Nathan McNew** (Towson University), *Primitive and geometric-progression-free sets without large gaps*

5:00-6:00 [Burruss 031] **Problem Session**

Sunday, February 24

8:30 **Coffee and refreshments**

9:00 [Burruss 031] **Michelle Manes** (University of Hawaii / NSF), *"Complex Multiplication" in Arithmetic Dynamics*

10:15 [Burruss 031] **Hester Graves** (IDA/CCS), *The Minimal Euclidean Function on the Gaussian Integers*

[Burruss 032] **Jae Yong Park** (Hofstra University), *On Second Order Linear Recurrences of Composite Numbers*

10:45 **Break**

11:00 [Burruss 031] **Russell Hendel** (Towson University), *Recursive Triangles Embedded in 2nd Order Recursions*

[Burruss 032] **Noah Lebowitz-Lockard** (University of Georgia), *Irreducible quadratic polynomials and Euler's function*

11:30 [Burruss 031] **Max Alekseyev** (George Washington University), *On Zeckendorf and Bunder Representations of Integers*

[Burruss 032] **Angel Kumchev** (Towson University), *A hybrid of two theorems of Piatetski-Shapiro*

12:00 [Burruss 031] **Spencer Hamblen** (McDaniel College), *Student research on generalizations of Waring's Problem*

[Burruss 032] **Jonathan Gerhard** (University of Michigan), *The interesting worlds of core partitions and numerical semigroups*

12:30 **End of Conference**