



**Fall 2018**



# **Symposium**

**Mason Experimental Geometry Lab**

*Friday December 7, 4106 Exploratory Hall, Pizza at 2:30pm*

2:30-2:50pm: *On the Equivariant K-theory of Flag varieties*  
Joe Frias, Brent Gorbutt, Jon Rossi, Matthew South

3:00-3:20pm: *Geometry of Real World Networks*  
Savannah Crawford, Chris Thorton

3:30-3:50pm: *Cooperative Parking for Self-Driving Cars*  
Avery Austin, Heath Camphire, Samuel Schmidgall

4:00-4:20pm: *Geometric Flows and Dimension Reduction*  
Yemeen Ayub, Orton Babb, Aneesh Malhotra, Ryan Vaughn

4:30 4:50pm: *Arithmetic Dynamics on Moduli*  
Julian Benali, Seth Lee, Cigole Thomas

5:00-5:20pm: *Attacking Problems in Discrete Geometry Using Satisfiability Solvers*  
Sumanth, Julia Rima, Daniel Jordan Taylor

5:30-5:50pm: *What's New with MEGL Outreach*  
Jack Love