



Fall 2016 Symposium

Mason Experimental Geometry Lab



Friday May 16, 4106 Exploratory Hall, Pizza at 2:30pm

2:30-2:45pm: *Special Words and $\mathbb{R}P^2$ Structures*

Patrick Bishop, Tim Reid

2:55-3:10pm: *Chaotic Motion of the Double Pendulum*

Arsah Rahman

3:20-3:35pm: *Orbits of Finite Field Character Varieties*

Cigole Thomas

3:45-4:00pm: *Corresponding Parameterizations between a Double Torus and a Hyperbolic Octagon Using Electric Potential Theory*

Stephanie Mui

4:10-4:25pm: *Say No to Reality: Using the Virtual World to Explore Geometry*

Joseph Frias, Nicholas Russell

4:35-4:50pm: *A Hero's Journey: A Tale of Polyhedral Cones*

Joseph Frias, Cody Djuric

5:00-5:15pm: *MEGL Outreach*

Jack Love