

2025 Bloomington Geometry Workshop
Indiana University, Bloomington
April 4 – 6, 2025

Workshop Schedule

Friday April 4, 2025

4:10 *Dept Colloquium* The (algebraic) geometry of the Mandelbrot set *SE 105*
Laura DeMarco

Saturday April 5, 2025

8:30 – 9:00 Continental Breakfast *RH 107*

9:00 – 10:00 Quasigeodesic and pseudo-Anosov flows *RH 100*
Steven Frankel

10:00 – 11:00 Poster Session & Discussion with Coffee *RH 107*

11:00 – 12:00 Rigidity of convex cocompact diagonal actions *RH 100*
Beibei Liu

12:00 – 2:00 Lunch

2:00 – 3:00 Lefschetz fibrations with infinitely many sections *RH 100*
Seraphina Lee

3:05 – 4:05 Absolute continuity of stationary measures *RH 100*
Yuping Ruan

4:05 – 4:30 Tea *RH 107*

4:30 – 5:30 Classification of Stable Surfaces with respect to Automatic Continuity
RH 100
George Domat

Sunday April 6, 2025

8:30 – 9:00 Continental Breakfast *RH 107*

9:00 – 10:00 Monotonicity of Liouville entropy along the Ricci flow *RH 100*
Karen Butt

10:00 – 10:30 Discussion with Coffee *RH 107*

10:30 – 11:30 From Manin-Mumford to Dynamical Rigidity *RH 100*
Laura DeMarco