Bloomington Geometry Workshop 2015

All talks will be in Swain East 105.

Registration and snack and coffee breaks will be in the Rawles Hall Lounge (first floor).

Friday Colloquium, Swain East 105

3:30 - 4:00 Welcome: Registration and Departmental Tea in Rawles Hall Lounge

4:00 - 5:00 Benson Farb, *Spaces of polynomials: from 1799 to today (or, "Everything I needed to know I learned in Kindergarten and from EGA")*

Saturday, Swain East 105

8:15 - 9:00 Registration and Breakfast Snacks in Rawles Hall Lounge

9:00 - 9:50 Sarah Koch, *Galois Invariant Sets in Dynamics*

10:00 - 10:50 Jean-François Lafont, *Combinatorial vs. Riemannian structures on manifolds*

Coffee Break in Rawles Hall Lounge

11:20 - 12:10 Yi Wang, *Integral conformal invariants*

Lunch Break

2:30 - 3:20 Benson Farb, *Exotic hyperbolic geometry, homological vanishing, and the p-Jacobian of the barycenter map*

Coffee Break in Rawles Hall Lounge

3:50 - 4:40 Andy Putman, *Integrality in the Steinberg module and the top-dimensional cohomology of* $\mathrm{SL}_n(\mathcal{O}_K)$

Saturday Banquet, Leave from Rawles Hall Lounge at 5:15 pm

Sunday, Swain East 105

8:30 - 9:00 Breakfast Snacks in Rawles Hall Lounge

9:00 - 9:50 Ralf Spatzier, *Higher Rank Rigidity and Positive Curvature*

Coffee Break in Rawles Hall Lounge

10:20 - 11:10 Andrew Zimmer, *Rigidity and flexibility of symmetric domains*

11:20 - 12:10 Michael Khanevsky, *Hofer length spectrum of symplectic surfaces*