

Fall 2022 G.A.S.B.A.G.S Schedule

October 29–30, 2022

Saturday, October 29

- 9:00am - 9:25am: Coffee and snacks in 2-290.
- 9:25am - 9:30am: Welcome and opening remarks.
- 9:30am - 10:30am: **Sarah Tammen** (MIT): Incidence Estimates for Slabs
- 10:30am - 11:00am: Coffee and snacks in 2-290.
- 11:00am - 12:00pm: **Gonzalo Cao-Labora** (MIT): Smooth imploding solutions for 3D compressible fluids
- 12:00pm - 1:15pm: Lunch break
- 1:15pm - 2:15pm: **Tainara Borges** (Brown University): Sparse Domination for Bilinear Spherical Maximal Function
- 2:15pm-2:30pm: Coffee and snacks
- 2:30pm - 4:00pm: **Andrew Lawrie** (MIT): The soliton resolution conjecture for equivariant wave maps
- 4:00pm - 4:15pm: Coffee and snacks in 2-290
- 4:15pm - 5:15pm: **Xinrui Zhao** (MIT): Unique continuation problem on RCD spaces

Sunday, November 7

- 9:00am - 9:30am: Coffee and snacks
- 9:30am - 10:30am: **Semyon Dyatlov** (MIT): Dynamical zeta functions, I
- 10:30am - 11:00am: Coffee and snacks in 2-290
- 11:00am - 12:00pm: **Semyon Dyatlov** (MIT): Dynamical zeta functions, II

- 12:00pm - 1:30pm: Lunch break
- 1:30 pm - 2:30 pm: **Tina Torkaman** (Harvard): Intersection number and intersection points of closed geodesics on hyperbolic surfaces
- 2:30pm-2:45pm: Coffee and snacks in 2-290
- 2:45pm - 3:45pm: **Ian Montague** (Brandeis): Seiberg-Witten Floer K-Theory and Cyclic Group Actions on Spin 4-Manifolds with Boundary
- 3:45pm - 4:00m: Coffee and snacks in 2-290
- 4:00pm - 5:00pm: **Ju Tan** (Boston University): Mirror Symmetry for Quiver Algebroid Stack