Fall 2021 G.A.S.B.A.G.S Schedule

November 6–7, 2021

Saturday, November 6

- 9:00am - 9:25am: Coffee and snacks in 2-290.
- 9:30am - 10:45am: David Jerison (MIT): Geometry of Level Sets
- 10:45am - 11:15am: Coffee and snacks in 2-190.
- 12:15pm - 1:30pm: Lunch break
- 1:30pm - 2:30pm: Jie Xu (Boston University): Yamabe Problem in Various Domains
- 2:30pm - 3:00pm: Coffee and snacks
- 3:00pm - 4:00pm: Ruoxuan Yang (MIT): Shock formations for the Burgers-Hilbert equation
- 4:15pm- 5:15pm: Maxim Jeffs (Harvard): Symplectic geometry of singular varieties

Sunday, November 7

- 9:00am - 9:30am: Coffee and snacks
- 9:30am - 10:30am: Paul Seidel (MIT): Fukaya categories of Calabi-Yau hypersurfaces, I
- 10:30am - 11:00am: Coffee and snacks
- 11:00am - 12:00pm: Paul Seidel (MIT): Fukaya categories of Calabi-Yau hypersurfaces, II
• 12:00pm - 1:15pm: Lunch break

• 1:15pm - 2:15pm: **Yuqiu Fu** (MIT): Decoupling Inequalities in Fourier Analysis

• 2:15pm - 2:45pm: Coffee and snacks

• 2:45pm - 3:45pm: **Xuezhu Lu** (Northeastern): Inverse problems for nonlinear time-harmonic Maxwell’s equations with partial data

• 4:00pm - 5:00pm: **Feng Gui** (MIT): Harmonic and Caloric Functions of Polynomial Growth