

# The SUMO Speaker Series for Undergraduates

Thursday, October 23rd  
4:15-5:05, room 380C  
(Food Provided)

## Spectra, resonances and geometry



Professor Rafe Mazzeo

### **Abstract:**

Eigenfunctions of the Laplacian have deep physical meaning and many geometric interpretations too. I will start slow, describing what these objects are and why so many people think about them. I will describe some examples, and a few ways to think about them. If time permits, I will move on to resonances, the analogues for spaces with infinite extent.

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