

# Stanford University Mathematical Organization(SUMO) Speaker Series

Monday, October 28, 2019

6:00-7:20 P.M., 380-384I

**Can you hear the shape of a drum?**

**Professor Otis Chodosh**

## **1 Abstract**

Can you see the shape of a drum by only hearing the noises it makes when it is played? This question has motivated “spectral geometers” for over 60 years, but in some sense is still completely unanswered today. Professor Chodosh will explain the set-up of the problem as well as a famous drum construction method.