

# The SUMO Speaker Series for Undergraduates

*(food from Pizza Chicago)*  
Wednesday, June 2  
4:40-5:30, room 380C



## Billiards in rational polygons

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Abstract: In this talk, we discuss the behavior of the orbit of a billiard ball in a polygon whose angles are rational multiples of  $\pi$ . We will explain how simple questions regarding the chaotic behavior of orbits are related to deformation of surfaces.

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