



**Sabrina Pasterski, Harvard University**

## "The Guiding Triangle"

A triangle of relations between asymptotic symmetries, soft theorems, and memory effects has guided recent efforts to better understand constraints on the S-matrix in gauge theories. We will introduce this framework, highlighting the superrotation iteration and ongoing work motivated by it.

**Wednesday, December 7**  
**2:00 - 3:00 p.m.**  
**Barus & Holley 555**

