**SPEAKER:**
Oran Gannot, Northwestern University

**TITLE:**
Logarithmic decay of waves on spacetimes bounded by event horizons

**ABSTRACT:**
I will describe the decay of linear waves on a class of stationary spacetimes bounded by non-degenerate Killing horizons. Without any assumptions on the trapped set solutions of the wave equation exhibit logarithmic energy decay. This is analogous to well known results in other geometric settings. The proof follows from new high frequency bounds on the resolvent.