



# PHYSICS AND ASTRONOMY COLLOQUIUM

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## **“New Probes of Black Hole Variability”**

### Abstract

I will discuss the power of new observations of variable black holes (supermassive and stellar mass systems) to probe their growth and evolution. I will touch on our Milky Way's black hole Sgr A\*, the Virgo cluster's M87, changing-look quasars, the multitude of systems now being discovered by LIGO/Virgo, and briefly explore how we can continue to push this frontier with a new generation of observatories.

Wednesday, March 11, 2020

3:30 p.m.

Bob Wright Centre A104