

## **A. Sesana: Dynamical evolution of supermassive black hole binaries**

*Friday, June 9, 2023 10:45 AM (45 minutes)*

I will discuss the evolution of SMBHBs from kpc down to final coalescence including the dynamical friction, stellar and gaseous hardening and gravitational wave phases. In particular I will focus on how the properties of very massive systems observable with pulsar timing arrays.