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Tidal Disruption Events: Demographics, Accretion and Outflows

Wednesday, 13 December 2023 14:25 (20 minutes)

Tidal disruption event is a unique probe of quiescent massive black holes. In this talk, I will discuss how we can use tidal disruption events to constrain the demographics of massive black holes including intermediate mass black holes. I will also show our recent theoretical modelling results on the accretion, outflow and emission processes in tidal disruption events, which can be used to explain various observed signatures.

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Session Classification: Cosmic Explosions...