

Abstract Submitted  
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**Uncovering the extremes of black hole accretion in a local Seyfert galaxy** ERIN KARA, MIT — In this golden age of Time Domain Astronomy, we are discovering supermassive black holes that defy long-held ideas on how material accretes on to black holes. We continue to discover extreme accretion episodes due to tidal disruption events or disc instabilities, where the physics is not yet understood. In this talk, I will present ongoing work from a multi-wavelength follow-up campaign of a local Seyfert galaxy that has recently become the brightest AGN in the soft X-ray sky. These new observations are helping us understand the nature of the heating mechanism of the X-ray corona and its connection to the accretion disc and the launching of relativistic jets.

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