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## **Interplay between the Nearby Massive Black Holes and Their Close Environment**

*Tuesday, 12 December 2023 16:39 (20 minutes)*

The feeding and feedback of weakly accreting massive black holes (MBHs) remain challenging to study both observationally and theoretically. We present our recent effort in understanding the interplay between some of the nearest MBHs and their immediate environment, based on multi-wavelength observations and hydrodynamic simulations. Outstanding questions for future study are also highlighted.

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