

Episodic ejection in black hole accretion flow

Monday, 1 March 2021 10:00 (30 minutes)

Observationally we have two types of jet, namely continuous jet and episodic jet. The former has been intensively studied while the latter not. The episodic jet is likely associated with flares. In this talk, we will introduce our MHD model for the formation of episodic jet. This model was originally proposed by analogy with the coronal mass ejection in the Sun, and most recently confirmed by our 3D MHD numerical simulations. Its possible connection with the flares recently detected in Sgr A* by GRAVITY will also be briefly discussed.

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