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Simulations of black hole accretion and jets

Thursday 18 September 2025 16:00 (30 minutes)

In my talk, I will review the recent progress in simulating the accretion and outflows around black holes using general relativistic magnetohydrodynamic simulations. In particular, I will focus on the recent push to extend the scale separation accessible to the simulations and connecting the black hole (event horizon) to the much larger feeding (galaxy) scales.

Affiliation

Presenter: TCHEKHOVSKOY, Sasha

Session Classification: Accretion-ejection (observation, theory, simulations)