

28th Texas Symposium on Relativistic Astrophysics



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Disks and jets

Wednesday 9 December 2015 11:55 (35 minutes)

After reviewing the physics of jet formation by accreting black holes, I will present the results of recent 3D general relativistic magnetized fluid dynamics simulations and discuss the insights they give us into the disk-jet connection. I will finish by presenting the simulated spectra and images and the constraints on the near event horizon physics coming from the comparison to the observations of the supermassive black hole at the center of our galaxy.

Author: TCHEKHOVSKOY, Alexander (University of California Berkeley)

Presenter: TCHEKHOVSKOY, Alexander (University of California Berkeley)

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