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Type: Poster

MuSES: Multi-messenger Studies of Extragalactic Super-colliders

Wednesday, October 16, 2024 5:09 PM (2 minutes)

The poster presents the advanced ERC project MuSES (ERC grant No 101142396), which will study the physical processes near supermassive black holes that are responsible for launching and propagating relativistic jets in active galactic nuclei (AGN). Project objectives: 1) observational studies of AGN jet geometry, collimation and acceleration; 2) probing the physical mechanism of neutrino production on the basis of multi-messenger blazar data. The prime goal is to use VLBI observations together with other electromagnetic and neutrino data to understand particle acceleration and neutrino production in blazars.

Summary

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Session Classification: Poster session leading into social dinner buffet