

Workshop on Numerical Multi Messenger Modeling

Wednesday 26 February 2025

Session 2 - Building C, Seminar Room CTAO (15:45 - 17:15)

time	[id] title	presenter
15:45	[30] Can the neutrinos from TXS 0506+056 have a coronal origin?	FIORILLO, Damiano Francesco Giuseppe
16:03	[17] X-Ray Spectral Features and Neutrino Production in Blazar 5BZB J0630-2406	SANCHEZ ZABALLA, Jose Maria
16:21	[15] Consistent modelling of the neutrino and gamma-ray Galactic diffuse emissions	GRASSO, Dario
16:39	[36] Lepto-hadronic modelling of neutrino-candidate blazar 5BZB J1150+2417	PFEIFFER, Leonard
16:57	[27] Next Steps for AGNpy	GLIWNY, Pawel

Thursday 27 February 2025

Session 2 - Building C, Seminar Room CTAO (14:15 - 15:45)

time	[id] title	presenter
14:15	[31] Multi-gamma-ray-state SED analysis of highly variable blazars	BHATTA, Gopal
14:33	[35] Fermi-LAT Detection of the Low-luminosity Radio Galaxy NGC 4278 during the LHAASO Campaign	BRONZINI, Ettore
14:51	[18] Analytic nuclear cascades: a unified framework for UHECR sources and propagation	MOREJON, Leonel
15:09	[39] GAMERA - A tool for multi-messenger modelling in high-energy astrophysics	BREUHAUS, Mischa
15:27	[13] DIPLODOCUS: an anisotropic Boltzmann equation solver designed to model AGN jet dynamics and emissions	EVERETT, Christopher

Session 2 - Building C, Seminar Room CTAO (16:15 - 17:45)

time	[id] title	presenter
16:15	[28] Accounting for mixing in synchrotron spectral modelling of flickering AGN jets using Lagrangian particles	ELLEY, Emma
16:33	[14] Axion Gamma-Ray Signatures from Quark Matter in Neutron Stars and Gravitational Wave Comparisons	BERENJI, Bijan
16:51	[40] Black hole-neutron star (NSBH) coalescence events	MATCOVICH, Tobia
17:10	[10] Progress on cuHARM, a code for GR-R-MHD equations on graphics processing units	BEGUE, Damien