

Workshop on Numerical Multi Messenger Modeling

Wednesday 26 February 2025

Session 1 - Building C, Seminar Room CTAO (09:00 - 10:45)

time	[id] title	presenter
09:00	[42] Welcoming session	WINTER, Walter
09:15	[7] Multi-wavelength polarization signatures of jets	ZHANG, Haocheng
09:45	[16] On the multi-zone Synchrotron polarization of blazars	TRAMACERE, Andrea
10:15	[8] Jet modeling: from X-ray binaries to dark matter nature	KANTZAS, Dimitrios

Session 1 - Building C, Seminar Room CTAO (11:15 - 12:45)

time	[id] title	presenter
11:15	[38] Modeling an IceCube blazar candidate sample with AM3	RODRIGUES, Xavier
11:45	[11] AM ³ and lepto-hadronic gamma-ray burst afterglow spectra up to TeV energies	KLINGER, Marc
12:15	[6] Modeling radio and X-ray afterglows of jetted TDEs	YUAN, Chengchao

Thursday 27 February 2025

Session 1 - Building C, Seminar Room CTAO (09:15 - 10:45)

time	[id] title	presenter
09:15	[4] Facilitating multi-messenger modelling using Gammapy	HECKMANN, Lea
09:45	[23] A numerical model of blazar jet emission from gradual magnetic dissipation	DIMITRAKOUDIS, Stavros
10:15	[9] Advanced Modeling of Blazar Multimessenger Emission Using Neural Networks	SAHAKYAN, Narek

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time	[id] title	presenter
11:15	[12] Ultra-high-energy cosmic rays from ultra-fast outflows of active galactic nuclei	EHLERT, Domenik
11:45	[32] MessMapp overview	BUSON, Sara
12:15	[33] The KM3NeT ultra-high-energy neutrino and its possible blazar origin	LINCETTO, Massimiliano

Friday 28 February 2025

Session 1 - Building C, Seminar Room CTAO (09:15 - 10:45)

time	[id] title	presenter
09:15	[19] Insights from modelling the brightest Fermi-LAT blazar flare	PODLESNYI, Egor
09:45	[20] Delayed Radio Flares in Blazars Associated with High Energy Neutrinos from Expanding Leptohadronic Plasma Blobs	STATHOPOULOS, Stamatios Ilias
10:15	[25] Impact of model parameter degeneracy on leptonic radiation models	APEL, Frederike

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time	[id] title	presenter
11:15	[21] Neutrino Emission from Bright Blazar Flares	ROBINSON, Joshua
11:45	[5] Radiative models for rapid blazar flares	ZECH, Andreas
12:15	[43] Closing session	BUSON, Sara