

CRPropa Workshop on Astroparticle Propagation

Wednesday 14 September 2022

Contributed Talks: Introduction (11:00-11:30)

time	[id] title	presenter
11:00	[15] CRPropa Workshop: opening and introduction	ALVES BATISTA, Rafael

Contributed Talks: Ultra-High-Energy Cosmic Rays (14:30-15:45)

time	[id] title	presenter
14:30	[2] Fitting an astrophysical model for the UHECR origin	BISTER, Teresa
15:15	[3] Inverting UHECR propagation with a normalizing flow	SCHULTE, Josina

Thursday 15 September 2022

Contributed Talks: Cosmic Rays: from extragalactic to Galactic (09:30-10:45)

time	[id] title	presenter
09:30	[10] CRPropa high statistic simulations for UHECR anisotropy studies	Mr. ROSSONI, Simone
10:10	[12] Neutrinos and gamma rays from clusters of galaxies	ALVES BATISTA, Rafael

Contributed Talks: Astroparticle Propagation in Various Astrophysical Environments (11:15-12:45)

time	[id] title	presenter
11:15	[4] Inferring the diffusion coefficient in the heliosheath by time spectra simulations of GCRs in the HelMod framework	SALVATORE, Silvia
11:45	[7] Cosmic Ray Electron transport in the external galaxy M51	DÖRNER, Julien
12:15	[11] Galactic propagation of GCRs and EGCRs in the shin region with CRPropa	KÄÄPÄ, Alex

Contributed Talks: High-Energy Gamma Rays (16:15-17:00)

time	[id] title	presenter
16:15	[8] Deriving Constraints on Intergalactic Magnetic Fields	SAVELIEV, Andrey

Friday 16 September 2022

Contributed Talks: CRPropa developments (09:30-11:00)

time	[id] title	presenter
09:30	[13] Hadronic interactions with CRPropa	MOREJON, Leonel
10:00	[9] Modelling Diffusive Shock Acceleration with CRPropa	MERTEN, Lukas AERDKER, Sophie
10:30	[14] Momentum diffusion	