

Seventeenth Marcel Grossmann Meeting

Monday, 8 July 2024

Emission mechanisms in gamma-ray bursts: Monday block 1 - Cascella (15:00 - 16:30)

-Conveners: Gregory Vereshchagin; Damien Begue

time	[id] title	presenter
15:00	[403] Numerical Simulation of Photospheric Emission in Gamma-Ray Bursts	ITO, Hirotaka
15:15	[490] Theory of photon scattering in shearing plasma: Applications to GRBs	Dr VYAS, Mukesh Kumar
15:30	[482] Bethe-Heitler constraints on proton synchrotron models for GRBs.	BEGUE, Damien
15:45	[626] A different interpretation of GRB spectra: backscattering model to explain keV-MeV and proton-synchrotron for TeV emission	PE'ER, Asaf
16:00	[633] Diffusion spectra and equitemporal surfaces of ultrarelativistic shell radiation as applied to gamma-ray bursts	KURHUZAVA, Aksana
16:15	[17] Magnetically dominated outflow in GRB 080916C?	VERESHCHAGIN, Gregory

Emission mechanisms in gamma-ray bursts: Monday block 2 - Cascella (17:00 - 18:30)

-Conveners: Damien Begue; Gregory Vereshchagin

time	[id] title	presenter
17:00	[57] Unveiling GRB prompt emission physics through empirical correlations	MEI, Alessio
17:15	[222] A Cosmological Fireball with Sixteen-Percent Gamma-Ray Radiative Efficiency	LI, Liang
17:30	[399] Evidence for cocoon emission in GRB 171205A	IZZO, Luca
17:45	[483] Physics of GRB afterglows: general principles and application to notable GRBs	DERISHEV, Evgeny
18:00	[509] Discovering early high- and very-high-energy gamma-rays from compact binary mergers in the era of 3G GW detectors	BANERJEE, Biswajit
18:15	GB2 summary and discussions	