

Session Program

9-15 Oct 2022

Tenth International Fermi Symposium

Parallel 12

Friday 14 October

09:00

Parallel 12: GRBs and Fast Transients-II

Session |

Location: Misty Hills Country Hotel, Conference Centre & Spa, Muldersdrift Estate, 69 Drift Blvd, Muldersdrift, Johannesburg, 1747

09:00–09:15

Pulse fitting of short GRBs with known redshift detected by Fermi Gamma Ray Burst Monitor

Speaker

Ms Dimakatso Jeannett Maheso

09:15–09:30

Demystifying the Prompt Emission of Gamma Ray Bursts

Speaker

Tyler Parsotan

09:30–09:45

Radiation-mediated shocks in gamma-ray bursts observed by Fermi

Speaker

Dr Filip Samuelsson

09:45–10:00

Photons' scattering in a relativistic plasma with velocity shear: generation of high energy power-law spectra

Speaker

Asaf Pe'er

10:00–10:15

Implications of Cutoff observed in Fermi-LAT GRBs spectrum

Speaker

Vikas Chand

10:15–10:30

Studying the viewing geometry of sGRBs and central engine using prompt emission

Speaker

Vidushi Sharma

10:30