

Session Program

13-18 Dec 2015



28th Texas Symposium on Relativistic Astrophysics

13 - Gamma-ray bursts

International Conference Centre Geneva
17 Rue de Varembé, 1211 Geneva

Monday 14 December

14:00

13 - Gamma-ray bursts

Session |

Location: International Conference Centre Geneva, Level 2, Room 7&8, 17 Rue de Varembe, 1211 Geneva |

Convener: Luigi Piro

14:00–14:21 **Thermal emission in GRB 101219B**

Speaker

Dr Josefin Larsson

14:21–14:42

Fitting gamma-ray burst prompt emission spectra with a model for subphotospheric dissipation

Speaker

Björn Ahlgren

14:42–15:03

Signs of magnetic acceleration and multi-zone emission in GRB 080825C

Speaker

Elena Moretti

15:03–15:24

A new intrinsic intrinsic 3 parameter correlation in Gamma Ray Bursts

Speaker

Maria Dainotti

15:24–15:45

GRB polarization with the POLAR detector.

Speaker

Dr Nicolas Produit

15:45

16:15

13 - Gamma-ray bursts

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16:15–16:35 **Using Gamma-Ray Bursts as Cosmological Probes**

Speaker

Rob Preece

16:35–16:55

Shedding light on the early Universe with THESEUS

Speaker

Lorenzo Amati

16:55–17:15

An External Shock Origin of GRB 141028A

Speaker

Dr J. Michael Burgess

17:15–17:35

Signs of Blandford & Znajek mechanism in GRB afterglow lightcurves.

Speaker

Antonio Nathanail

17:35–17:55

Constraining emission mechanisms in gamma-ray bursts using spectral width**Speaker**

Magnus Axelsson

17:55–17:58

Study of GRB light curve decay indices in the afterglow phase**Speaker**

Mrs Roberta Del Vecchio

17:58–18:01

Observed properties of high redshift Gamma-Ray Bursts**Speaker**

Graziella Pizzichini

18:01–18:04

Moving observed Short GRBs both off-axis and into the local Universe**Speakers**

Dr Giovanni De Cesare, Giulia Stratta, Dr Giuseppe Greco, Dr Marica Branchesi

18:04–18:45

gap

18:45

Tuesday 15 December

14:00

13 - Gamma-ray bursts

Session |**Location:** International Conference Centre Geneva, Level 2, Room 7&8, 17 Rue de Varembe, 1211 Geneva |**Convener:** Luigi Piro

14:00–14:21

Short gamma-ray bursts from binary neutron star mergers: the time-reversal scenario

Speaker

Dr Riccardo Cioffi

14:21–14:42

Electromagnetic emission from long-lived binary neutron star merger remnants

Speaker

Mr Daniel Siegel

14:42–15:03

Dynamical mass ejection from black hole-neutron star binaries

Speaker

Dr Koutarou Kyutoku

15:03–15:24

Fast luminous blue transients from newborn black holes

Speaker

Dr Kazumi Kashiyama

15:24–15:45

gap

15:45