

Session Program

4-9 Dec 2015



28th Texas Symposium on Relativistic Astrophysics

13 - Gamma-ray bursts

International Conference Centre Geneva
17 Rue de Varembé, 1211 Geneva

Saturday 5 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

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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

Sunday 6 December

14:00

13 - Gamma-ray bursts

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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