

Seventeenth Marcel Grossmann Meeting

Thursday, 11 July 2024

Gamma ray bursts relationships in multi-wavelengths as cosmological tools: Thursday block 1 - Flaiano (15:00 - 16:30)

-Conveners: Yong-Feng Huang; Gibran Morales; Maria Dainotti

| time | [id] title | presenter |
|-------|---|-------------------------|
| 15:00 | [245] Numerical models of GRB central engines and challenges with observations | Prof. JANIUK, Agnieszka |
| 15:35 | [620] GRBs: what do we know today that we did not know 10 years ago? | PE'ER, Asaf |
| 16:10 | [402] Investigating the connection between the X-ray plateaus and flares in Gamma-ray Bursts light curves | DERELI-BÉGUÉ, Hüsne |

Gamma ray bursts relationships in multi-wavelengths as cosmological tools: Thursday block 2 - Flaiano (17:00 - 18:30)

-Conveners: Gibran Morales; Yong-Feng Huang; Maria Dainotti

| time | [id] title | presenter |
|-------|--|-------------------------------|
| 17:00 | [438] Theoretical Modelling of Gamma-Ray Burst 090510 | SAJI, Joseph |
| 17:20 | [172] New insights in the realm of the Gamma-ray Burst - Supernovae correlations | DE SIMONE, Biagio |
| 17:40 | [261] Understanding the Nature of the Optical Emission in Gamma-Ray Bursts | BECERRA GODINEZ, Rosa Leticia |
| 18:05 | [366] Exploring the behaviour of long gamma-ray bursts with intrinsic afterglow correlations | Dr OATES, Sam |

Friday, 12 July 2024

Gamma ray bursts relationships in multi-wavelengths as cosmological tools: Friday block 1 - Europaurum (15:00 - 16:30)

-Conveners: Maria Dainotti; Gibran Morales; Yong-Feng Huang; Maria Dainotti

| time | [id] title | presenter |
|-------|---|-------------------------------|
| 15:00 | [617] GRB cosmology with other probes | DAINOTTI, Maria |
| 15:35 | [157] Towards a new model-independent calibration of Gamma-Ray Bursts | FAVALE, Arianna |
| 16:05 | [243] An Optical Gamma-Ray Burst Catalogue with Measured Redshift PART I: Data Release of 535 Gamma-Ray Bursts and Colour Evolution | MOHIDEEN MALIK, Ridha Fathima |

Gamma ray bursts relationships in multi-wavelengths as cosmological tools: Friday block 2 - Europaurum (17:00 - 18:30)

-Conveners: Gibran Morales; Yong-Feng Huang; Maria Dainotti; Maria Dainotti

| time | [id] title | presenter |
|-------|--|--------------------|
| 17:00 | [131] GRB cosmology with next-generation GRB observatories | AMATI, Lorenzo |
| 17:35 | [481] Paving the way for GRB cosmology with the Dainotti correlation | LENART, Aleksander |
| 18:00 | Panel Discussion | |