

(BACKUP) Opening GRB



Wednesday, 21 August 2019 - Sunday, 25 August 2019

Scuola Normale Superiore - Pisa

Scientific topics

GRB observations, populations; review and status

**Observational status of high energy component
before GRB190114C**

Present TeV observations of GRBs

Theoretical landscape of GRB, before GRB190114C

The theory of TeV GRBs

Implications on fundamental physics (LIV, EBL...)

Implications on GW and cosmology

**Phenomenological and theoretical prospects;
neutrinos and off-axis**

**Observational prospects with present (and future)
instruments; observational strategies, short/long
GRB, cosmological measurements**

The future of TeV GRB: status of instruments