

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