

Opening a new window in GRB physics



Monday, 27 April 2020 - Thursday, 30 April 2020

Scuola Normale Superiore - Pisa

Scientific topics

GRB observations, populations; review and status

Session April 28 - "The new TeV window on the energetic component of GRBs. Observational status".

Observational status of the high energy component before GRB190114C

Session April 28 - "The new TeV window on the energetic component of GRBs. Observational status".

Present TeV observations of GRBs

Session April 28 - "The new TeV window on the energetic component of GRBs. Observational status".

The theoretical landscape of GRB

Session April 29 - "Phenomenology and theory of energetic GRB and physical implication".

The theory of energetic and TeV GRBs

Session April 29 - "Phenomenology and theory of energetic GRB and physical implication".

Implications on fundamental physics (LIV, EBL, dark matter)

Session April 29 - "Phenomenology and theory of energetic GRB and physical implication".

Implications on GW and Cosmology

Session April 29 - "Phenomenology and theory of energetic GRB and physical implication".

Phenomenological and theoretical prospects

Session April 30 - "Back to the future: revisiting prospects for GRB"

Observational prospects with present (and future) instruments; observational strategies, cosmological measurements

Session April 30 - "Back to the future: revisiting prospects for GRB"

The future of TeV GRB: status reports on projects and instruments

Session April 30 - "Back to the future: revisiting prospects for GRB"