



Contribution ID: 480

Type: **Talk in the parallel session**

GeV-GRB-SN: compare and contrast

Wednesday, July 7, 2021 10:30 AM (15 minutes)

There is a small sample of long-duration gamma-ray bursts built on the intersection of two types of events: bursts associated with supernovae (GRB-SN) and bursts emitting high-energy photons (GeV-GRB). Being only few cases these GeV-GRB-SN can nevertheless shed some light on the emission mechanisms spanning the whole electromagnetic spectrum. We systematize the known events and analyze the new candidates. Then we discuss the results in light of current knowledge on high-energy emission from long-duration gamma-ray bursts.

Primary author: AIMURATOV, Yerlan (Fesenkov Astrophysical Institute / al-Farabi Kazakh National University)

Presenter: AIMURATOV, Yerlan (Fesenkov Astrophysical Institute / al-Farabi Kazakh National University)

Session Classification: High and Very High Energy Emission from Gamma-Ray Bursts

Track Classification: Fast Transients: High and Very High Energy emission from Gamma Ray Bursts