

# THE PHYSICS OF GAMMA-RAY BURSTS

*Thursday, 11 July 2019 09:30 (30 minutes)*

I will review several open questions in GRB physics as well as how latest observational data shed light into them. The topics include jet composition, energy dissipation mechanism, radiation mechanism, progenitors, and central engine. The exciting aspects of gravitational wave - GRB associations will be discussed, with GW170817/GRB 170817A as an example.

**Primary author:** ZHANG, Bing (University of Nevada, Las Vegas)

**Presenter:** ZHANG, Bing (University of Nevada, Las Vegas)

**Session Classification:** Relativistic outflows from extragalactic sources

**Track Classification:** Relativistic outflows from extragalactic sources