



Contribution ID: 372

Type: **Invited talk in the parallel session**

Selected topics on EM counterparts of gravitational waves

Monday, July 5, 2021 4:30 PM (25 minutes)

I will discuss two less-discussed, yet physically-motivated channels for EM counterparts of gravitational wave events: brief FRB-like signals from charged CBCs (especially binary black hole mergers and plunging neutron star - black hole mergers) and short-GRB-less X-ray transients. I will also discuss the physical processes that contribute to the delay timescale between CBC signals and their associated GRBs and how future observations will help to reveal the jet launching and dissipation mechanisms from neutron star mergers.

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Session Classification: Explosive Events Associated with Compact-Object Binary Mergers

Track Classification: Binaries: Explosive events associated with compact-object binary mergers