

## Special Issue

### Observations and Theory of Short GRBs at the Dawn of the Gravitational Wave Era

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#### Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we aim to collect both original works and review papers on the properties of short GRBs (e.g., jet opening angles and structures, population density, host galaxies, on- and off-axis afterglows), enlightened by the recent GW170817/GRB170817 association and corroborated by the forthcoming new observational run of Advanced LIGO and Advanced Virgo in fall 2018.

Key topics are:

- Detection rates of short GRBs with present and future missions
- Observations of short GRBs, their afterglows, and those with extended emission
- Estimations and measurements of short GRB energetics
- Theory and simulations of short GRBs and their connection with observations
- The host galaxies of short GRBs as probes of their progenitor properties
- The immediate vs. long-term impact of short GRBs/GWs simultaneous observations
- Kilonova and gravitational wave emissions as counterparts of short GRBs
- Short GRB rate vs. star formation rate

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