

## Physik-Combo



Contribution ID: 13

Type: **not specified**

# Gravitational Waves from Black hole - Neutron Stars

*Tuesday, 28 September 2021 15:30 (30 minutes)*

Since the first observation of a GW from a binary black hole in 2015, many more have been observed in recent years. GW astronomy provides us with a powerful tool to do science through the information we can get from their detection in interferometers. Most recently, GWs from black hole - neutron star mergers have been observed for the first time. These coalescences are promising candidates to be the source of Kilonova and GRBs. Their detection could also provide us with information about the neutron star's structure. To achieve this, one needs waveform models to successfully detect these peculiar binary systems.

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