

# SciNeGHE 2016 High-energy gamma-ray experiments at the dawn of gravitational wave astronomy



Contribution ID: 13

Type: **Talk**

## Modeling gravitational waves from compact-object binaries

*Wednesday, 19 October 2016 11:45 (25 minutes)*

The direct observation and characterization of gravitational waves from binary black-hole mergers by LIGO is a testament to the crucial role played by waveform modeling in these discoveries. I will review recent developments in the field, discussing both numerical and analytical approaches to the problem of compact-object binaries and their gravitational-wave emission.

**Primary author:** Mr TARACCHINI, Andrea (Max Planck Institute for Gravitational Physics)

**Presenter:** Mr TARACCHINI, Andrea (Max Planck Institute for Gravitational Physics)

**Session Classification:** Gravitational Waves and the other messengers

**Track Classification:** Gravitational Waves