

# PHAROS Conference 2020: The multi-messenger physics and astrophysics of neutron stars



Contribution ID: 38

Type: **Oral Presentation**

## BSN mergers with microscopic equations of state

*Wednesday 1 April 2020 14:45 (15 minutes)*

We investigate binary neutron star mergers employing state-of-the-art microscopic equations of state, considering both zero-temperature and finite temperature extensions of the same. I will discuss the results we have achieved in this context, with respect to the thermodynamic conditions and the gravitational wave emission.

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**Session Classification:** Parallel 2B

**Track Classification:** Dense matter in neutron stars