

# **From heavy-ion collisions to neutron stars**

## **Report of Contributions**

Contribution ID: 2

Type: **not specified**

## Overview: when neutron stars and heavy-ions collide

*Wednesday 19 August 2020 08:45 (15 minutes)*

**Presenter:** NORONHA, Jorge (University of Illinois at Urbana-Champaign)

Contribution ID: 3

Type: **not specified**

# **Transport and equation of state for neutron stars and neutron-star mergers**

*Wednesday 19 August 2020 09:00 (35 minutes)*

**Presenter:** ALFORD, Mark (Washington University, St Louis)

Contribution ID: 4

Type: **not specified**

## **The QCD critical point: status of its search and impact on observables**

*Wednesday 19 August 2020 09:40 (35 minutes)*

**Presenter:** STEPHANOV, Misha (UIC)

Contribution ID: 5

Type: **not specified**

## **How does LIGO use data to place constraints on the equation of state?**

*Wednesday 19 August 2020 10:25 (35 minutes)*

**Presenter:** CHATZIOANNOU, Katerina

Contribution ID: 6

Type: **not specified**

## Dense matter equation of state

*Thursday 20 August 2020 09:00 (35 minutes)*

**Presenter:** Dr TOLOS, Laura

Contribution ID: 7

Type: **not specified**

# **The equation of state over several regimes in density, temperature, isospin asymmetry, lepton number, and strangeness**

*Thursday 20 August 2020 09:40 (35 minutes)*

**Presenter:** STEINER, Andrew (UTK/ORNL)

Contribution ID: 8

Type: **not specified**

## **Lattice QCD equation of state and beyond**

*Thursday 20 August 2020 10:20 (35 minutes)*

**Presenter:** PAROTTO, Paolo (University of Wuppertal)



Contribution ID: 9

Type: **not specified**

# **Model agnostic approaches to constraining the EOS using LIGO**

*Thursday 20 August 2020 11:00 (35 minutes)*

**Presenter:** ESSICK, Reed

Contribution ID: **10**

Type: **not specified**

## **Studying large baryon densities with hadron transport**

*Friday 21 August 2020 09:40 (35 minutes)*

**Presenter:** ELFNER, Hannah

Contribution ID: 11

Type: **not specified**

## **Status and future of relativistic hydrodynamics of low energy heavy ion collisions**

*Friday 21 August 2020 09:00 (35 minutes)*

**Presenter:** DENICOL, Gabriel (Universidade Federal Fluminense)

Contribution ID: 12

Type: **not specified**

## **Status and future of numerical relativity simulations of binary neutron-star mergers**

*Friday 21 August 2020 10:20 (35 minutes)*

**Presenter:** RADICE, David