From heavy-ion collisions to neutron stars

Report of Contributions

https://indico.cern.ch/e/943968

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: CHATZIIOANNOU, 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