

# PhD School on QCD in Extreme Conditions



PhD School on  
QCD in Extreme Conditions

## Report of Contributions

Contribution ID: 1

Type: **not specified**

# Lattice Field Theory for Extreme QCD - Part I

*Sunday 23 July 2023 09:00 (1h 30m)*

**Author:** LOMBARDO, Maria Paola (INFN)

**Presenter:** LOMBARDO, Maria Paola (INFN)

**Session Classification:** Lattice Field Theory for Extreme QCD

Contribution ID: 2

Type: **not specified**

## **Lattice Field Theory for Extreme QCD - Part II**

*Monday 24 July 2023 16:00 (1h 30m)*

**Author:** LOMBARDO, Maria Paola (INFN)

**Presenter:** LOMBARDO, Maria Paola (INFN)

**Session Classification:** Lattice Field Theory for Extreme QCD

Contribution ID: 3

Type: **not specified**

## **Lattice Field Theory for Extreme QCD - Part III**

*Tuesday 25 July 2023 14:00 (1h 30m)*

**Author:** LOMBARDO, Maria Paola (INFN)

**Presenter:** LOMBARDO, Maria Paola (INFN)

**Session Classification:** Lattice Field Theory for Extreme QCD

Contribution ID: 4

Type: **not specified**

## **Knowns about QCD phases and prospects about dense QCD matter - Part I**

*Sunday 23 July 2023 14:00 (1h 30m)*

**Author:** FUKUSHIMA, Kenji (The University of Tokyo (Japan))

**Presenter:** FUKUSHIMA, Kenji (The University of Tokyo (Japan))

**Session Classification:** Knowns about QCD phases and prospects about dense QCD matter

Contribution ID: 5

Type: **not specified**

## **Knowns about QCD phases and prospects about dense QCD matter - Part II**

*Monday 24 July 2023 10:30 (1h 30m)*

**Author:** FUKUSHIMA, Kenji (The University of Tokyo (Japan))

**Presenter:** FUKUSHIMA, Kenji (The University of Tokyo (Japan))

**Session Classification:** Knowns about QCD phases and prospects about dense QCD matter

Contribution ID: 6

Type: **not specified**

## **Knowns about QCD phases and prospects about dense QCD matter - Part III**

*Tuesday 25 July 2023 08:30 (1h 30m)*

**Author:** FUKUSHIMA, Kenji (The University of Tokyo (Japan))

**Presenter:** FUKUSHIMA, Kenji (The University of Tokyo (Japan))

**Session Classification:** Knowns about QCD phases and prospects about dense QCD matter

Contribution ID: 7

Type: **not specified**

# **New developments in Relativistic Hydrodynamics for Heavy-Ion Collisions - Part I**

*Sunday 23 July 2023 11:00 (1h 30m)*

**Author:** FLORKOWSKI, Wojciech (Jagiellonian University)

**Presenter:** FLORKOWSKI, Wojciech (Jagiellonian University)

**Session Classification:** New developments in Relativistic Hydrodynamics for Heavy-Ion Collisions



Contribution ID: 8

Type: **not specified**

## **New developments in Relativistic Hydrodynamics for Heavy-Ion Collisions - Part II**

*Monday 24 July 2023 08:30 (1h 30m)*

**Author:** FLORKOWSKI, Wojciech (Jagiellonian University)

**Presenter:** FLORKOWSKI, Wojciech (Jagiellonian University)

**Session Classification:** New developments in Relativistic Hydrodynamics for Heavy-Ion Collisions

Contribution ID: 9

Type: **not specified**

## **New developments in Relativistic Hydrodynamics for Heavy-Ion Collisions - Part III**

*Tuesday 25 July 2023 16:00 (1h 30m)*

**Author:** FLORKOWSKI, Wojciech (Jagiellonian University)

**Presenter:** FLORKOWSKI, Wojciech (Jagiellonian University)

**Session Classification:** New developments in Relativistic Hydrodynamics for Heavy-Ion Collisions

Contribution ID: **10**

Type: **not specified**

## **Introduction to neutron stars**

*Sunday 23 July 2023 16:00 (1h 30m)*

**Author:** RAITHEL, Carolyn (IAS / Princeton)

**Presenter:** RAITHEL, Carolyn (IAS / Princeton)

**Session Classification:** Neutron stars & multi-messenger physics

Contribution ID: 11

Type: **not specified**

## **Neutron star masses, radii, and the dense-matter equation of state**

*Monday 24 July 2023 14:00 (1h 30m)*

**Author:** RAITHEL, Carolyn (IAS / Princeton)

**Presenter:** RAITHEL, Carolyn (IAS / Princeton)

**Session Classification:** Neutron stars & multi-messenger physics

Contribution ID: 12

Type: **not specified**

## **Gravitational wave astronomy: a new window into neutron star interiors**

*Tuesday 25 July 2023 10:30 (1h 30m)*

**Author:** RAITHEL, Carolyn (IAS / Princeton)

**Presenter:** RAITHEL, Carolyn (IAS / Princeton)

**Session Classification:** Neutron stars & multi-messenger physics

Contribution ID: 13

Type: **not specified**

## Registration

Contribution ID: 14

Type: **not specified**

## **XQCD PhD School: Welcome and Opening**

*Sunday 23 July 2023 08:50 (10 minutes)*