

**2023 CMS heavy ion  
workshop: bringing together  
the LHC heavy ion community**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Theory considerations

*Monday, 29 May 2023 09:15 (15 minutes)*

**Presenters:** JEZO, Tomas (University of Münster, ITP); JEŽO, Tomáš (Munster U., ITP)

**Session Classification:** Initial state and global analysis of nuclear modifications of the parton distributions

Contribution ID: 2

Type: **not specified**

## Experimental considerations

*Monday, 29 May 2023 09:30 (15 minutes)*

**Presenter:** SUN, Jiayin (INFN Cagliari)

**Session Classification:** Initial state and global analysis of nuclear modifications of the parton distributions

Contribution ID: 3

Type: **not specified**

## Discussion

*Monday, 29 May 2023 09:45 (1 hour)*

**Session Classification:** Initial state and global analysis of nuclear modifications of the parton distributions

Contribution ID: 4

Type: **not specified**

## Theory considerations

*Monday, 29 May 2023 11:15 (15 minutes)*

**Presenter:** VAN DER SCHEE, Wilke (CERN)

**Session Classification:** Macroscopic QGP Properties

Contribution ID: 5

Type: **not specified**

## Experimental considerations

*Monday, 29 May 2023 11:30 (15 minutes)*

**Presenter:** CHEN, Zhenyu (Shandong University)

**Session Classification:** Macroscopic QGP Properties

Contribution ID: 6

Type: **not specified**

## Discussion

*Monday, 29 May 2023 11:45 (1 hour)*

**Session Classification:** Macroscopic QGP Properties

Contribution ID: 7

Type: **not specified**

## Theory considerations

*Monday, 29 May 2023 16:30 (15 minutes)*

**Presenter:** YANG, Zhong

**Session Classification:** QGP tomography



Contribution ID: 8

Type: **not specified**

## Experimental considerations

*Monday, 29 May 2023 16:45 (15 minutes)*

**Presenter:** SANTOS, Helena (LIP - Laboratório de Instrumentação e Física Experimental de Partículas)

**Session Classification:** QGP tomography

Contribution ID: 9

Type: **not specified**

## Discussion

*Monday, 29 May 2023 17:00 (1 hour)*

**Session Classification:** QGP tomography

Contribution ID: **10**

Type: **not specified**

## Theory considerations

*Monday, 29 May 2023 14:00 (15 minutes)*

**Presenter:** ZHAO, Jiaxing (SUBATECH)

**Session Classification:** Open heavy flavor and quarkonia

Contribution ID: 11

Type: **not specified**

## Experimental considerations

*Monday, 29 May 2023 14:30 (15 minutes)*

**Presenter:** YE, Zhenyu (University of Illinois at Chicago)

**Session Classification:** Open heavy flavor and quarkonia

Contribution ID: 12

Type: **not specified**

## Discussion

*Monday, 29 May 2023 14:45 (1 hour)*

**Session Classification:** Open heavy flavor and quarkonia

Contribution ID: 13

Type: **not specified**

## Theory considerations

*Tuesday, 30 May 2023 09:00 (15 minutes)*

**Presenter:** BREWER, Jasmine (CERN)

**Session Classification:** Small size/far-from-equilibrium limit of QGP

Contribution ID: 14

Type: **not specified**

## Experimental considerations

*Tuesday, 30 May 2023 09:15 (15 minutes)*

**Presenter:** INNOCENTI, Gian Michele (CERN)

**Session Classification:** Small size/far-from-equilibrium limit of QGP

Contribution ID: 15

Type: **not specified**

## Discussion

*Tuesday, 30 May 2023 09:30 (1 hour)*

**Session Classification:** Small size/far-from-equilibrium limit of QGP



Contribution ID: 16

Type: **not specified**

## Theory considerations

*Tuesday, 30 May 2023 11:00 (15 minutes)*

**Presenters:** KLUSEK-GAWENDA, Mariola (Institute of Nuclear Physics PAN); KLUSEK-GAWENDA, Mariola (Cracow, INP)

**Session Classification:** Ultraperipheral collisions

Contribution ID: 17

Type: **not specified**

## Experimental considerations

*Tuesday, 30 May 2023 11:15 (15 minutes)*

**Presenter:** D'ENTERRIA, David (Cern)

**Session Classification:** Ultraperipheral collisions

Contribution ID: **18**

Type: **not specified**

## Discussion

*Tuesday, 30 May 2023 11:30 (1 hour)*

**Session Classification:** Ultraperipheral collisions

Contribution ID: **19**

Type: **not specified**

## **LHC combinations**

*Tuesday, 30 May 2023 14:15 (15 minutes)*

**Presenter:** KRINTIRAS, Georgios (The University of Kansas (US))

**Session Classification:** Joint session: LHC combinations and LHC upgrades for Run 5 and beyond

Contribution ID: **20**

Type: **not specified**

## **LHC upgrade for Run 5 and beyond**

*Tuesday, 30 May 2023 14:00 (15 minutes)*

**Presenters:** INNOCENTI, Gian Michele (CERN); MUSA, Luciano (CERN)

**Session Classification:** Joint session: LHC combinations and LHC upgrades for Run 5 and beyond

Contribution ID: **21**

Type: **not specified**

## Discussion

*Tuesday, 30 May 2023 14:30 (1 hour)*

**Session Classification:** Joint session: LHC combinations and LHC upgrades for Run 5 and beyond

Contribution ID: 22

Type: **not specified**

## CMS Internal Part Agenda

*Wednesday, 31 May 2023 09:00 (8h 30m)*

<https://indico.cern.ch/event/1289590/timetable/#20230531.detailed>

Contribution ID: **23**

Type: **not specified**

## **CMS Internal Part Agenda**

*Thursday, 1 June 2023 09:00 (9 hours)*

<https://indico.cern.ch/event/1289590/timetable/#20230601.detailed>



Contribution ID: 24

Type: **not specified**

## Summary slides

*Tuesday, 30 May 2023 16:00 (15 minutes)*

**Presenter:** WANG, Jing (CERN)

**Session Classification:** Wrap up discussion

Contribution ID: 25

Type: **not specified**

## Discussion

*Tuesday, 30 May 2023 16:15 (1h 15m)*

**Session Classification:** Wrap up discussion

Contribution ID: 26

Type: **not specified**

## **ECT\* director**

*Monday, 29 May 2023 09:00 (10 minutes)*

**Session Classification:** Welcome Director ECT\*/Goals of the Workshop

Contribution ID: 27

Type: **not specified**

## **Organizers (including practical info)**

*Monday, 29 May 2023 09:10 (5 minutes)*

**Session Classification:** Welcome Director ECT\*/Goals of the Workshop

Contribution ID: 28

Type: **not specified**

## Theory considerations (nPDFs)

*Monday, 29 May 2023 14:15 (15 minutes)*

**Presenter:** JEZO, Tomas (University of Münster, ITP)

**Session Classification:** Open heavy flavor and quarkonia