

List of Heavy Ion Topics for Review

Report of Contributions

Contribution ID: 1

Type: **not specified**

Glauber model in heavy ion collisions

Friday, 21 June 2030 15:00 (1 minute)

Contribution ID: 2

Type: **not specified**

Initial state of heavy ion collisions

Friday, 21 June 2030 15:01 (1 minute)

Summary

Contribution ID: 3

Type: **not specified**

Hydrodynamics and flow in A+A collisions

Friday, 21 June 2030 15:03 (1 minute)

Contribution ID: 5

Type: **not specified**

Collectivity in small systems

Friday, 21 June 2030 15:04 (1 minute)

Contribution ID: 6

Type: **not specified**

Longitudinal correlations

Friday, 21 June 2030 15:05 (1 minute)

Summary

Contribution ID: 7

Type: **not specified**

Chiral magnetic effects and vorticity

Friday, 21 June 2024 15:06 (1 minute)

Contribution ID: 8

Type: **not specified**

Fluctuation of multiplicity and conserved charge and QGP, critical point

Friday, 21 June 2030 15:07 (1 minute)

Summary

Contribution ID: 9

Type: **not specified**

Jet quenching and jet quenching observables

Friday, 21 June 2030 15:08 (1 minute)

Contribution ID: **10**

Type: **not specified**

Electro-weak probes in nuclear collisions

Friday, 21 June 2030 15:09 (1 minute)

Contribution ID: 11

Type: **not specified**

symmetry energy

Friday, 21 June 2030 15:10 (1 minute)

Summary

Contribution ID: 12

Type: **not specified**

Particle multiplicity in pp, pA, and AA collisions

Friday, 21 June 2030 15:11 (1 minute)

Contribution ID: 13

Type: **not specified**

Strangeness enhancement in QGP

Friday, 21 June 2030 15:12 (1 minute)

Contribution ID: 14

Type: **not specified**

Heavy quarks in the QGP

Friday, 21 June 2030 15:13 (1 minute)

Contribution ID: 15

Type: **not specified**

Quarkonium at finite temperature

Friday, 21 June 2030 15:14 (1 minute)

Contribution ID: **16**

Type: **not specified**

Physics of HBT correlations

Friday, 21 June 2030 15:15 (1 minute)

Contribution ID: 17

Type: **not specified**

Charge balance function

Friday, 21 June 2030 15:16 (1 minute)

Summary

Contribution ID: **18**

Type: **not specified**

Thermal photons and dileptons

Friday, 21 June 2030 15:17 (1 minute)

Contribution ID: **19**

Type: **not specified**

Physics at forward rapidity

Friday, 21 June 2030 15:18 (1 minute)

Contribution ID: 20

Type: **not specified**

Ultra-Peripheral Collisions

Friday, 21 June 2030 15:19 (1 minute)

Contribution ID: 21

Type: **not specified**

Baryon-rich QCD matter and Critical end point

Friday, 21 June 2030 15:20 (1 minute)

Contribution ID: 22

Type: **not specified**

Physics of directed flow v1

Friday, 21 June 2030 15:21 (1 minute)

Contribution ID: 23

Type: **not specified**

Physics of AMPT and its many predictions

Friday, 21 June 2030 15:22 (1 minute)

Contribution ID: 24

Type: **not specified**

Future of HI

Friday, 21 June 2030 15:23 (1 minute)

Summary

Contribution ID: 25

Type: **not specified**

Signature of QCD phase transitions

Friday, 21 June 2030 15:24 (1 minute)

Contribution ID: 26

Type: **not specified**

Lattice QCD and high-temperature QGP

Friday, 21 June 2024 15:25 (1 minute)

Contribution ID: 27

Type: **not specified**

Physics of BES-II

Friday, 21 June 2030 15:26 (1 minute)

Contribution ID: 28

Type: **not specified**

parton distribution function (PDF & nPDF)

Friday, 21 June 2030 15:02 (1 minute)

Contribution ID: 29

Type: **not specified**

Introduction to ATLAS

Friday, 21 June 2030 17:05 (10 minutes)

Session Classification: Technical information

Contribution ID: **30**

Type: **not specified**

Introduction to STAR

Friday, 21 June 2030 17:15 (10 minutes)

Session Classification: Technical information

Contribution ID: **32**

Type: **not specified**

Event generators

Friday, 21 June 2030 16:05 (1 minute)

Contribution ID: 33

Type: **not specified**

Schools/lectures on heavy-ion physics

Friday, 21 June 2030 14:50 (1 minute)

Contribution ID: **34**

Type: **not specified**

Overview of the field

Friday, 21 June 2030 14:58 (1 minute)

Contribution ID: 35

Type: **not specified**

LHCb flavor physics

Friday, 21 June 2030 16:25 (5 minutes)

Contribution ID: **36**

Type: **not specified**

Useful Links

Friday, 21 June 2030 17:30 (1 minute)

Session Classification: Technical information

Contribution ID: 37

Type: **not specified**

Proton structure and EIC

Friday, 21 June 2030 16:45 (1 minute)

Contribution ID: **38**

Type: **not specified**

Quantum Computing and ML

Friday, 21 June 2024 16:55 (1 minute)

Contribution ID: **39**

Type: **not specified**

Particle detection

Friday, 21 June 2030 17:30 (1 minute)

Session Classification: Technical information

Contribution ID: **40**

Type: **not specified**

other information

Friday, 21 June 2030 17:40 (1 minute)

Contribution ID: 41

Type: **not specified**

Effective field theory

Friday, 21 June 2030 15:55 (1 minute)

Contribution ID: 42

Type: **not specified**

Foundation of QCD

Friday, 21 June 2030 15:55 (1 minute)

Contribution ID: 43

Type: **not specified**

Standard model of particle physics

Friday, 21 June 2030 15:55 (1 minute)

Contribution ID: 44

Type: **not specified**

Old results

Friday, 21 June 2030 17:41 (20 minutes)

Contribution ID: 45

Type: **not specified**

Quark model and exotic hadrons

Friday, 21 June 2030 15:45 (1 minute)

Summary

Contribution ID: 46

Type: **not specified**

Accelerator

Friday, 21 June 2030 16:55 (1 minute)

Contribution ID: 47

Type: **not specified**

next

Friday, 21 June 2030 18:50 (1 minute)

Summary