

Workshop on High Energy Physics Phenomenology 2025 (WHEPP-2025)

Report of Contributions

Contribution ID: 1

Type: **not specified**

Highlights from ALICE and EIC Physics Opportunities

Sunday 14 December 2025 09:15 (40 minutes)

Presenter: MOHANTY, Bedangadas

Session Classification: PL-1

Contribution ID: 2

Type: **not specified**

Higgs: Standard yet not

Sunday 14 December 2025 09:55 (40 minutes)

Presenter: RAI, Santosh K

Session Classification: PL-1

Contribution ID: 3

Type: **not specified**

Highlights from CMS

Presenter: LANDSBERG, Greg

Session Classification: PL-1

Contribution ID: 4

Type: **not specified**

Introduction to WGs

Session Classification: PL-1

Contribution ID: 5

Type: **not specified**

PL-2

Presenter: LANDSBERG, Greg

Contribution ID: 6

Type: **not specified**

Introduction to WGs

Contribution ID: 7

Type: **not specified**

Results from CMS

Sunday 14 December 2025 11:05 (40 minutes)

Presenter: LANDSBERG, Greg

Session Classification: Pl-2

Contribution ID: 8

Type: **not specified**

Introduction to WGs

Sunday 14 December 2025 11:45 (1h 15m)

Session Classification: Pl-2

Contribution ID: 9

Type: **not specified**

Probing the gluons at the Electron-Ion Collider (EIC)

Monday 15 December 2025 09:00 (40 minutes)

Presenter: MUKHERJEE, Asmita

Session Classification: PL-3

Contribution ID: **10**

Type: **not specified**

Quantum computing for lattice QCD

Monday 15 December 2025 09:40 (40 minutes)

Presenter: LEWIS, Randy

Session Classification: PL-3

Contribution ID: 11

Type: **not specified**

Neutrino Theory Overview

Monday 15 December 2025 10:50 (40 minutes)

Presenter: BABU, K S

Session Classification: PL-4

Contribution ID: 12

Type: **not specified**

Multi-messenger Perspective

Monday 15 December 2025 12:10 (40 minutes)

Presenter: DEV, Bhupal

Session Classification: PL-4

Contribution ID: 13

Type: **not specified**

Recent Results from Neutrino Telescopes

Monday 15 December 2025 11:30 (40 minutes)

Presenter: KAMP, Nicholas

Session Classification: PL-4

Contribution ID: 14

Type: **not specified**

Probing New Physics of Lepton Number Violation

Tuesday 16 December 2025 09:00 (40 minutes)

Presenter: DEPPISCH, Frank

Session Classification: PL-5

Contribution ID: 15

Type: **not specified**

Neutrino Cosmology

Tuesday 16 December 2025 09:40 (40 minutes)

Presenter: BARI, P Di

Session Classification: PL-5

Contribution ID: **16**

Type: **not specified**

Experimental Flavor Physics: Results and prospects

Tuesday 16 December 2025 11:30 (40 minutes)

Presenter: NISHIDA, Shohei

Session Classification: PL-6

Contribution ID: 17

Type: **not specified**

Theoretical Perspective on Flavor Physics

Tuesday 16 December 2025 10:50 (40 minutes)

Presenter: KITAHARA, Teppei

Session Classification: PL-6

Contribution ID: **18**

Type: **not specified**

BSM results from CMS and Prospects

Tuesday 16 December 2025 12:10 (40 minutes)

Presenter: SOFFI, Livia

Session Classification: PL-6

Contribution ID: **19**

Type: **not specified**

Effective Field Theory

Wednesday 17 December 2025 09:00 (40 minutes)

Presenter: CHAKRABORTY, Joydeep

Session Classification: PL-7

Contribution ID: 20

Type: **not specified**

Some recent advances in theory and observations in Astroparticle Physics

Wednesday 17 December 2025 09:40 (40 minutes)

Presenter: MOHANTY, Subhendra

Session Classification: PL-7

Contribution ID: 21

Type: **not specified**

Gravitational Waves and the Quest for New Physics

Wednesday 17 December 2025 10:50 (40 minutes)

Presenter: ARUN, K G

Session Classification: PL-8

Contribution ID: 22

Type: **not specified**

Quantum Sensing for Fundamental Physics

Wednesday 17 December 2025 11:30 (40 minutes)

Presenter: RAJENDRAN, Surjeet

Session Classification: PL-8

Contribution ID: 23

Type: **not specified**

Gravitational wave detections from compact binary coalescences

Wednesday 17 December 2025 12:10 (40 minutes)

Presenter: MOHANTY, Soumya

Session Classification: PL-8

Contribution ID: 24

Type: **not specified**

Generation of primordial black holes: Mechanisms, consequences and constraints

Wednesday 17 December 2025 14:15 (40 minutes)

Presenter: KUMAR, L Sriram

Session Classification: PL-9

Contribution ID: 25

Type: **not specified**

Indirect Dark Matter Searches

Wednesday 17 December 2025 14:55 (40 minutes)

Presenter: HORIUCHI, Shunsaku

Session Classification: PL-9

Contribution ID: 26

Type: **not specified**

Indian Efforts: CMS, Neutrinos and Belle

Wednesday 17 December 2025 15:35 (40 minutes)

Presenter: SWAIN, Sanjay

Session Classification: PL-9