

Particle Physics Day 2022

Report of Contributions

Contribution ID: 3

Type: **not specified**

Surprises and challenges in exclusive J/ψ photoproduction on nuclei

Thursday 24 November 2022 13:30 (25 minutes)

Presenter: GUZEY, Vadim (University of Jyväskylä)

Session Classification: Afternoon session

Contribution ID: 12

Type: **not specified**

CMS overview with first Run 3 experience

Thursday 24 November 2022 11:00 (25 minutes)

25'+5'

Presenter: KIRSCHENMANN, Henning (Helsinki Institute of Physics (FI))

Session Classification: Morning session

Contribution ID: 13

Type: **not specified**

CMS/TOTEM upgrades

Thursday 24 November 2022 11:30 (15 minutes)

15'+5'

Presenter: GARCIA FUENTES, Francisco Ignacio (Helsinki Institute of Physics (FI))

Session Classification: Morning session

Contribution ID: 14

Type: **not specified**

Particle physics promotes innovation activities

Thursday 24 November 2022 11:50 (12 minutes)

12'+3'

Presenter: TUOMINEN, Eija (Helsinki Institute of Physics (FI))

Session Classification: Morning session

Contribution ID: 15

Type: **not specified**

Collective phenomena with machine learning

Thursday 24 November 2022 13:55 (20 minutes)

Presenter: HIRVONEN, Henry (University of Jyväskylä)

Session Classification: Afternoon session

Contribution ID: 16

Type: **not specified**

Simulating jets and heavy quarks in the early stages of heavy-ion collisions using colored particle-in-cell methods

Thursday 24 November 2022 14:15 (20 minutes)

Presenter: AVRAMESCU, Dana (University of Jyväskylä)

Session Classification: Afternoon session

Contribution ID: 17

Type: **not specified**

ALICE - physics analysis

Thursday 24 November 2022 14:35 (25 minutes)

Presenters: MORDASINI, Cindy (University of Jyvaskyla (FI)); HASSAN, Hadi (University of Jyvaskyla (FI))

Session Classification: Afternoon session

Contribution ID: **18**

Type: **not specified**

Theory/experiment interplay

Thursday 24 November 2022 12:05 (20 minutes)

20'+5'

Presenters: WALTARI, Harri M (University of Helsinki); WALTARI, Harri

Session Classification: Morning session

Contribution ID: **19**

Type: **not specified**

News from ALICE at the start of Run 3

Thursday 24 November 2022 15:30 (15 minutes)

Presenter: MELIKYAN, Yury (Helsinki Institute of Physics (FI))

Session Classification: Evening session

Contribution ID: 20

Type: **not specified**

Baryon number violation and neutron oscillations

Thursday 24 November 2022 15:45 (15 minutes)

Presenter: TUREANU, Anca (University of Helsinki)

Session Classification: Evening session

Contribution ID: 21

Type: **not specified**

Physics with upgraded Osiris

Thursday 24 November 2022 16:00 (15 minutes)

Presenters: ENQVIST, Timo; ENQVIST, Timo

Session Classification: Evening session

Contribution ID: 22

Type: **not specified**

Confinglement

Thursday 24 November 2022 16:15 (15 minutes)

Presenter: JOKELA, Niko (University of Helsinki)

Session Classification: Evening session

Contribution ID: 23

Type: **not specified**

The effect of the large-scale structure on cosmological parameter extraction

Thursday 24 November 2022 16:30 (15 minutes)

Presenter: VÄISÄNEN, Olli (University of Jyväskylä)

Session Classification: Evening session

Contribution ID: 24

Type: **not specified**

Research opportunities in quantum information and InstituteQ

Thursday 24 November 2022 16:45 (15 minutes)

Presenter: KESKI-VAKKURI, Esko (University of Helsinki)

Session Classification: Evening session