

**Particle Physics Day 2021**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## MoEDAL

*Tuesday 16 November 2021 16:00 (20 minutes)*

Monopole and Exotics Detector at the LHC

**Presenter:** KALLIOKOSKI, Matti (Helsinki Institute of Physics (FI))

**Session Classification:** Evening session

Contribution ID: 2

Type: **not specified**

## COSINUS

*Tuesday 16 November 2021 15:30 (25 minutes)*

Dark matter search using cryogenic scintillating NaI calorimeter to provide model-independent cross-check of DAMA/LIBRA

**Presenter:** HEIKINHEIMO, Matti (Helsinki Institute of Physics)

**Session Classification:** Evening session

Contribution ID: 3

Type: **not specified**

## **ALICE overview**

*Tuesday 16 November 2021 13:30 (25 minutes)*

**Presenter:** KIM, Dong Jo (University of Jyvaskyla (FI))

**Session Classification:** Afternoon session

Contribution ID: 4

Type: **not specified**

## **ALICE FoCal - first results from 2021 test beam**

*Tuesday 16 November 2021 14:00 (10 minutes)*

**Presenter:** RYTKONEN, Heidi Maria (University of Jyvaskyla (FI))

**Session Classification:** Afternoon session

Contribution ID: 5

Type: **not specified**

## **Exclusive vector meson production as a probe of gluon saturation**

*Tuesday 16 November 2021 14:15 (20 minutes)*

**Presenters:** MÄNTYSAARI, Heikki (University of Jyväskylä (FI)); MÄNTYSAARI, Heikki (University of Jyväskylä)

**Session Classification:** Afternoon session

Contribution ID: 6

Type: **not specified**

## **Gluon PDF from low x central exclusive production data**

*Tuesday 16 November 2021 14:40 (15 minutes)*

**Presenters:** Dr FLETT, Chris (University of Jyväskylä); Dr FLETT, Chris (University of Jyväskylä)

**Session Classification:** Afternoon session

Contribution ID: 7

Type: **not specified**

## **BSM summary**

*Tuesday 16 November 2021 11:30 (25 minutes)*

**Presenter:** TUOMINEN, Kimmo (University of Helsinki)

**Session Classification:** Morning session



Contribution ID: 8

Type: **not specified**

## **CMS+TOTEM Run 2 results and Run 3 start**

*Tuesday 16 November 2021 11:00 (25 minutes)*

**Presenter:** LAMPEN, Tapio (Helsinki Institute of Physics (FI))

**Session Classification:** Morning session

Contribution ID: 9

Type: **not specified**

## Pixel detector upgrade

*Tuesday 16 November 2021 12:00 (25 minutes)*

**Presenter:** BRUCKEN, Jens Erik (Helsinki Institute of Physics (FI))

**Session Classification:** Morning session

Contribution ID: **10**

Type: **not specified**

## **When axion cosmology meets the SUBARU HSC data**

*Tuesday 16 November 2021 16:25 (15 minutes)*

This talk is based on arXiv:2109.13153 [hep-ph] (accepted for publication in PRD). Please find a more detailed abstracts saved in “minutes” of this contribution.

**Presenter:** SCHIAPPACASSE, ENRICO D. (University of Jyväskylä)

**Session Classification:** Evening session

Contribution ID: 11

Type: **not specified**

## **Relativistic fluid dynamics in heavy-ion collisions**

*Tuesday 16 November 2021 16:45 (15 minutes)*

**Presenter:** NIEMI, Harri (University of Jyväskylä)

**Session Classification:** Evening session