

# **Conference of Norwegian Financial Mechanism "Early Universe" project**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# **LHC constraints on electroweakino dark matter revisited**

*Wednesday 14 June 2023 14:25 (20 minutes)*

**Presenter:** ROLBIECKI, Krzysztof (Warsaw University)

Contribution ID: 2

Type: **not specified**

## **Monojet signatures from gluino and squark decays**

*Wednesday 14 June 2023 14:00 (25 minutes)*

**Presenter:** LARA PEREZ, Iñaki (Warsaw University)

Contribution ID: 3

Type: **not specified**

## Review tasks 2

*Wednesday 14 June 2023 10:45 (20 minutes)*

Contribution ID: 4

Type: **not specified**

## **task 5:nvestigating the sphaleron and mini-black hole production at the LHC and its dependence on the mechanism of EWPT.**

*Wednesday 14 June 2023 11:30 (45 minutes)*

**Presenters:** GREFSRUD, Aurora Singstad (University of Bergen (NO)); SAKURAI, Kazuki (University of Warsaw)

Contribution ID: 5

Type: **not specified**

## discussion task 5

*Wednesday 14 June 2023 12:15 (20 minutes)*

Contribution ID: 6

Type: **not specified**

## Phase transition in Randall Sundrum models

**Presenter:** QUIROS CARCELEN, Mariano (The Barcelona Institute of Science and Technology (BIST) (ES))

Contribution ID: 7

Type: **not specified**

# Higgs in the MRSSM

*Wednesday 14 June 2023 15:30 (30 minutes)*

**Presenter:** Prof. KALINOWSKI, Jan Henryk (University of Warsaw (PL))



Contribution ID: 8

Type: **not specified**

## **review of task 3**

*Wednesday 14 June 2023 16:00 (20 minutes)*

Contribution ID: 9

Type: **not specified**

## CP measurement in Higgs-> tau tau gamma

*Thursday 15 June 2023 09:55 (25 minutes)*

**Presenter:** SAHOO, Dibyakrupa

Contribution ID: **10**

Type: **not specified**

## CP violation in tau Yukawa, news ?

*Thursday 15 June 2023 11:10 (25 minutes)*

**Presenter:** LAMBA, Priyanka

Contribution ID: **11**

Type: **not specified**

## **review of task 4**

*Thursday 15 June 2023 14:35 (10 minutes)*

Contribution ID: 12

Type: **not specified**

## **"Probing Axion-like Particles through Gamma-Ray Observations"**

*Thursday 15 June 2023 11:35 (20 minutes)*

**Presenter:** D'AMICO, Giacomo (Max Planck Institute for Physics)

Contribution ID: **13**

Type: **not specified**

## **discussion**

*Thursday 15 June 2023 14:15 (20 minutes)*

Contribution ID: 14

Type: **not specified**

## Zapytaj Fizyka (ask a physicist), outreach

**Presenter:** LIPNIACKA, Anna (University of Bergen (NO))

Contribution ID: 15

Type: **not specified**

## group photo

*Thursday 15 June 2023 10:50 (20 minutes)*

**Presenters:** LIPNIACKA, Anna (University of Bergen (NO)); GREFSRUD, Aurora Singstad (University of Bergen (NO)); MASELEK, Rafal (Warsaw University of Technology); MASELEK, Rafal (Warsaw University of Technology (PL)); MASELEK, Rafal



Contribution ID: 16

Type: **not specified**

## **new ATLAS results in mono-Higgs to tau tau and combination for DM limits**

*Wednesday 14 June 2023 10:00 (20 minutes)*

**Presenter:** AAKVAAG, Erlend (University of Bergen (NO))

Contribution ID: 17

Type: **not specified**

## Mono-Higgs at HL-LHC

*Wednesday 14 June 2023 10:20 (20 minutes)*

**Presenters:** ADHIKARY, Amit (University of Warsaw, Poland); ADHIKARY, Amit (University of Warsaw)

Contribution ID: **18**

Type: **not specified**

## **prospects in task1**

*Wednesday 14 June 2023 14:45 (20 minutes)*

Contribution ID: **19**

Type: **not specified**

## **cp in h tau tau gamma, experimental status**

*Thursday 15 June 2023 10:20 (20 minutes)*

**Presenters:** Prof. LIPNIACKA, Anna (University of Bergen (NO)); FOMIN, Nikolai (University of Bergen (NO))

Contribution ID: 20

Type: **not specified**

## **ML and taus, where can we hope for higher sensitivity?**

*Thursday 15 June 2023 11:55 (20 minutes)*

**Presenter:** Dr MAELAND, Steffen (Western Norway University of Applied Sciences)

Contribution ID: 21

Type: **not specified**

## **ML and jets (TBC)**

**Presenter:** TYWONIUK, Konrad (University of Bergen (NO))

Contribution ID: 22

Type: **not specified**

## **information, alarm test at 12:00**

*Wednesday 14 June 2023 09:55 (5 minutes)*

Contribution ID: 23

Type: **not specified**

## General review and plans

*Thursday 15 June 2023 14:45 (20 minutes)*

**Presenter:** Prof. LIPNIACKA, Anna (University of Bergen (NO))