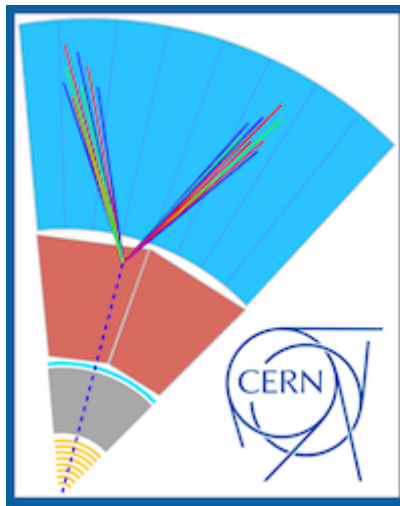


## **Session Program**

**31 October 2022 to 4 November 2022**



# **Searching for long-lived particles at the LHC and beyond: Twelfth workshop of the LLP Community**

***New ideas: Searches, pheno, theory***

CERN

## Friday 4 November

14:00

### New ideas: Searches, pheno, theory

**Session** | **Location:** CERN | **Conveners:** Dr José Francisco Zurita, Mason Proffitt

14:00–14:20

#### Atmospheric axion-like particles at Super-Kamiokande

**Speaker**

Zeren Simon Wang

14:20–14:40

#### Shedding light on the electroweak phase transition from exotic Higgs boson decays at the lifetime frontiers

**Speaker**

Wei Liu

14:40–15:00

#### Analysing some long-lived NSLP signatures in the NMSSM

**Speaker**

Amandip De

15:00

15:10

### New ideas: Searches, pheno, theory

**Session** | **Location:** CERN | **Conveners:** Dr José Francisco Zurita, Mason Proffitt

15:10–15:30

#### Coscatattering in micrOMEGAs: LLP implications in the singlet-triplet dark matter model

**Speaker**

Gael Alguero

15:30–15:50

#### Searching for Heavy QCD Axions via Dimuon Final States

**Speaker**

Soubhik Kumar

15:50