

## **Session Program**

**3-8 Jan 2023**

# **Spåtind 2023 - Nordic Conference on Particle Physics**

## ***Contributed Talks V***

Fefor Høifjellshotell - Norge  
Fefor Høifjellshotell - Lomsetervegen 25, 2640 Vinstra, Norway

# Friday 6 January

17:00

## Contributed Talks V

**Session** | **Location:** Fefor Høifjellshotell - Norge, Fefor Høifjellshotell - Lomsetervegen 25, 2640 Vinstra, Norway | **Conveners:** Bernhard Meirose, Bernhard Meirose

17:00–17:15

### Supermassive black holes as detectors for ultralight bosons

#### Speaker

Yifan Chen

17:20–17:35

### Effective Field Theory interpretation of the search for Higgs boson pair production in the two bottom quarks plus two photons final state with the ATLAS detector

#### Speaker

Laura Pereira Sanchez

17:40–17:55

### SMARTHEP network: Studies on online vs. offline jet energy corrections at CMS

#### Speakers

Henning Kirschenmann, Patin Inkaew

18:00–18:15

### Constraints on spin-0 dark matter mediators and invisible Higgs decays using ATLAS 13 TeV pp collision data with two top quarks and missing transverse momentum in the final state

#### Speaker

Xuanhong Lou

18:20–18:35

### Top quark mass measurement in lepton and jets final state at the CMS experiment

#### Speaker

Mikael Myllymaki

18:40–18:55

### Searches for baryon number violation via neutron conversions at the European Spallation Source

#### Speaker

Sze Chun Yiu

19:00