

## **Session Program**

**13-16 Aug 2019**



### **Dark Matter @ LHC 2019 (DM@LHC)**

#### ***Poster pitch***

Kane Hall 225, Walker-Ames

# Tuesday 13 August

18:00

## Poster pitch

**Session** | **Location:** Kane Hall 225, Walker-Ames | **Conveners:** Samuel Ross Meehan, Seyda Ipek

18:00–18:03 **Dark matter mediators in the dilepton final state at ATLAS**

**Speaker**

Etienne Dreyer

18:03–18:06

**Search for dark matter in events with missing transverse momentum and a Z boson with the ATLAS detector**

**Speaker**

Kayla McLean

18:06–18:09

**Low mass dijet resonances search using ISR with  $\sim 80\text{fb}^{-1}$   $\sqrt{s}=13\text{TeV}$  ATLAS Data**

**Speaker**

Yvonne Ng

18:12–18:15

**RECAST for Mono-S(bb) with ATLAS**

**Speaker**

Alexander Joseph Schuy

18:15–18:18

**Search for New Phenomena in Dijet Events using  $139\text{fb}^{-1}$  of p p collisions at  $\sqrt{s} = 13\text{TeV}$  collected with the ATLAS Detector**

**Speaker**

Trine Poulsen

18:18–18:21

**Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at  $\sqrt{s} = 13\text{TeV}$  with the CMS detector**

**Speaker**

Mr Shu-Xiao Liu

18:21–18:24

**New long-lived particle searches at the LHC with FASER: the ForwARD Search ExpeRiment**

**Speaker**

Aaron Soffa

18:24–18:27

**Dark Matter and Dark Sector with the SHiP experiment at CERN**

**Speaker**

Federico Leo Redi

18:27-18:30

**Search for long-lived particles decaying into displaced hadronic jets in the ATLAS Calorimeter**

**Speaker**

Felix Cormier

18:30-18:33

**Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states**

**Speaker**

Brenda Fabela Enriquez

18:33-18:36

**Understanding backgrounds of ultra long-lived particle searches with the MATHUSLA test stand**

**Speaker**

Mason Proffitt

18:36-18:39

**SUSY with a light Dirac bino: B meson baryogenesis & sneutrino asymmetric DM**

**Speakers**

Ann Nelson, Gilly Elor, Huangyu Xiao

18:45