**Session Program**

**28 July 2020 to 6 August 2020**

# ICHEP 2020

# *Detectors for Future Facilities (incl. HL-LHC), R&D, Novel Techniques - Posters*

virtual conference

# Wednesday 29 July

13:30

## Detectors for Future Facilities (incl. HL-LHC), R&D, Novel Techniques - Posters: Block I
**Session** | **Location:** virtual conference | **Conveners:** Peter Kodys, Susanne Kuehn

**13:30–13:33**

### A muon tracking algorithm for Level 1 trigger in the CMS barrel muon chambers during HL-LHC

**Speaker**
Jaime Leon Holgado

**13:33–13:36** **The CMS Level-1 Endcap Muon Trigger at the High-Luminosity LHC**

**Speaker**
Daniel Guerrero

**13:36–13:39**

### Performing precision measurements and new physics searches at the HL-LHC with the upgraded CMS Level-1 Trigger

**Speaker**
Emily Mac Donald

**13:39–13:42**

### Triggering on electrons, photons, tau leptons, Jets and energy sums at HL-LHC with the upgraded CMS Level-1 Trigger

**Speaker**
Jack Li

**13:42–13:45**

### The Particle Flow Algorithm in the Phase II Upgrade of the CMS Level-1 Trigger

**Speaker**
Dylan Sheldon Rankin

**13:45–13:48** **Measurement of Liquid Scintillator Nonlinearity**

**Speaker**
Tadeas Dohnal

**13:48–13:51**

### The Mu3e Experiment Searching for the Lepton Flavour Violating Decay $\mu+ \rightarrow e+e+e-$

**Speakers**
Mrs Afaf Wasili, Afaf wasili

**13:51–14:11** **The OLVE-HERO calorimeter prototype beam tests at CERN SPS**

**Speaker**
Ilyas Satyshev

15:00

# Thursday 30 July

13:30

## Detectors for Future Facilities (incl. HL-LHC), R&D, Novel Techniques - Posters: Block II
**Session** | **Location:** virtual conference | **Conveners:** Peter Kodys, Petra Merkel

**13:33–13:36**
### Development and evaluation of prototypes for the ATLAS ITk pixel detector
**Speaker**
Florian Hinterkeuser

**13:36–13:39**
### Test Beam Studies of Barrel and End-Cap Modules for the ATLAS ITk Strip Detector before and after Irradiation
**Speaker**
Arturo Rodriguez Rodriguez

**13:39–13:42** Radiation-Hard Silicon Strip Sensors for the ATLAS Phase-2 Upgrade
**Speaker**
Vera Latonova

**13:42–13:45**
### Particle tracking in wide field-of-view with miniaturized pixel detector arrays for space weather and space radiation research
**Speaker**
Dr Carlos Granja

**13:45–13:48**
### Study of a MAPS detector prototype for the upgrade of the BESIII inner tracker
**Speaker**
Mingyi Dong

15:00