

## **Session Program**

**2 March 2016**

### **LHC students poster session**

#### ***Physics performance etc***

CERN, 61/1-201 - Pas perdus - Not a meeting room -

## Wednesday 2 March

17:07

### Physics performance etc

**Poster Session** | **Location:** CERN, 61/1-201 - Pas perdus - Not a meeting room -

#### New algorithms for Flavour Tagging at the LHCb experiment

**Speaker**

Davide Fazzini

#### Verification of Geant4 physics models for the LHCb simulation

**Speaker**

Peter Noel Griffith

#### The LHCb trigger in Run-II

**Speaker**

Olli Lupton

#### Novel real-time calibration and alignment procedure for LHCb Run II

**Speaker**

Claire Prouve

#### Novel Muon Identification algorithms for the LHCb Upgrade

**Speaker**

Violetta Cogoni

#### Study of the ATLAS Inner Detector material budget by using hadronic interactions

**Speaker**

Nora Emilia Pettersson

#### Alignment of the ATLAS Inner Tracking System during LHC Run 2

**Speaker**

Chihiro Kozakai

#### b-Tagging and Large Radius Jet Modelling in $g \rightarrow b\bar{b}$ rich sample at ATLAS

**Speaker**

Zihao Jiang

#### Muon reconstruction performance in ATLAS at Run-II

**Speaker**

Arthur Lesage

#### Measurements of electron efficiencies with the 2015 pp collision data in ATLAS at $\sqrt{s} = 13$ TeV

**Speaker**

Asma Hadeef

#### The Layer2/Layer1 readout ipgrade for the ATLAS Pixel detector

**Speaker**

Geoffrey Mullier

## **ATLAS Liquid Argon Calorimeters Operation and Data Quality During the 2015 Proton Run**

### **Speakers**

Clement Camincher, Ryne Michael Carbone

## **ATLAS Jet Energy Scale Calibration and Uncertainties with 13 TeV**

### **Speaker**

Aliaksei Hrynevich

## **Reconstruction and performance of Missing Transverse Energy with 3.21/fb of data collected by the ATLAS detector**

### **Speaker**

Mariyan Bozhidarov Petrov

## **ATLAS boosted object reconstruction for hadronically decaying Higgs, W, Z, top**

### **Speaker**

Dr Adrian Buzatu

## **ATLAS Jet Trigger Efficiency in 2015 Data**

### **Speaker**

Valentinos Christodoulou

## **Characterising Trigger-Level Hadronic Jets in 2015 Data at ATLAS**

### **Speaker**

Edgar Kellermann

## **Performance of the ATLAS Tau Trigger in Run-II**

### **Speaker**

Takashi Ikai

## **The Design and Performance of the ATLAS Inner Detector Trigger for Run 2 LHC Collisions at 13 TeV**

### **Speaker**

Callum Kilby

## **Real-time flavour tagging selection in ATLAS**

### **Speaker**

Petar Bokan

## **Maximising the ATLAS B-physics trigger potential with topological selections**

### **Speaker**

Oliver James Winston

## **Fast Tracking Simulation with CMS**

### **Speaker**

Matthias Komm

## **The data quality monitoring challenge at CMS: experience from first collisions and future plans**

### **Speaker**

Salvatore Di Guida

## **Muon reconstruction and identification efficiencies in CMS at $\sqrt{s} = 13$ TeV**

**Speaker**

Leonardo Cristella

**Triggering on PbPb events with CMS in 2015****Speaker**

Kaya Tatar

**Calibration and performances of LHCf Arm2 upgraded detector for the reconstruction of hadronic events****Speaker**

Eugenio Berti

**The performance for the TeV photon measurement of the LHCf upgraded detector using Gd<sub>2</sub>SiO<sub>5</sub> (GSO) scintillators****Speaker**

Yuya Makino

19:00