

## **Session Program**

**17-21 Sept 2018**



## **TWEPP 2018 Topical Workshop on Electronics for Particle Physics**

***Trigger***

## Tuesday 18 September

14:25

### Trigger

**Session** | **Location:** CAR 1.09 (aula) | **Convener:** Gregory Michiel Iles

14:25–14:50

**NaNet: a Reconfigurable PCIe Network Interface Card Architecture for Real-time Distributed Heterogeneous Stream Processing in the NA62 Low Level Trigger.**

**Speaker**

Paolo Cretaro

14:50–15:15

**ALICE trigger system for LHC Run 3**

**Speaker**

Marian Krivda

15:15

## Wednesday 19 September

11:35

### Trigger

**Session** | **Location:** CAR 1.09 (aula) | **Convener:** Ken Wyllie

11:35–12:00

#### **HLS4ML: deploying deep learning on FPGAs for L1 trigger and Data Acquisition**

**Speaker**

Javier Mauricio Duarte

12:00–12:25

#### **The Muon to Central Trigger Processor Interface for the Upgrade of the ATLAS Muon Trigger for Run-3**

**Speaker**

Marcos Vinicius Silva Oliveira

12:25

14:00

### Trigger

**Session** | **Location:** CAR 1.09 (aula) | **Convener:** Marcus Julian French

14:00–14:25

#### **Hardware Trigger Processor for the ATLAS NSW System**

**Speaker**

Thiago Costa De Paiva

14:25–14:50

#### **Jets and topological trigger selection performed with the last generation Xilinx FPGA**

**Speaker**

Marek Palka

14:50–15:15

#### **Serenity - An ATCA prototyping platform for CMS Phase-2**

**Speaker**

Dr Andrew Rose

15:15