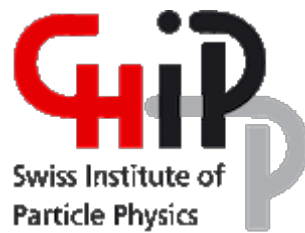


## **Session Program**

**19-20 Jun 2024**



## **CHIPP 2024 Annual meeting**

### ***ML Workshop***

Uni Mail - University of Geneva  
Bd du Pont-d'Arve 40 1205 Genève

## Wednesday 19 June

13:25

### ML Workshop: III session

**Session** | **Location:** MR060 | **Conveners:** Anna Sfyrla, Thea Aarrestad

#### 13:25-13:37 ML in CMS: new developments and challenges

##### Speaker

Davide Valsecchi

#### 13:37-13:49

#### Identification of Jets and Regions of Interest in the ATLAS Calorimeter with Deep Convolutional Neural Networks in Real Time

##### Speakers

Leon Bozianu, Mathias Eddy E Moors

#### 13:49-14:01 Fast b-tagging at the ATLAS Trigger

##### Speakers

Lucas Bezio, Stefano Franchellucci

#### 14:01-14:13 Anomaly detection at the trigger level for LLPs

##### Speaker

Luca Hartman

#### 14:13-14:25 Vitis accelerator backend development for HLS4ML

##### Speaker

Konstantinos Axiotis

#### 14:25-14:37

#### Simulating Calorimeter Detector Signatures with the Lorenzetti Showers Framework for Electron Trigger Studies using Machine Learning

##### Speaker

Meinrad Moritz Schefer

#### 14:37-14:49

#### Deep Learning-Based Data Processing in Large-Sized Telescopes of the Cherenkov Telescope Array: FPGA Implementation

##### Speaker

Iaroslava Bezshyiko

#### 14:49-15:01

#### Towards an AI-based trigger system for the next-generation of imaging atmospheric Cherenkov telescope cameras

##### Speaker

Tjark Miener

15:01