

## **Session Program**

**27-29 Apr 2015**

### **Vth INFIERI WORKSHOP: INFIERI AT CERN**

#### ***WP4-SESSION on INTELLIGENT ADVANCED PROCESSING, new accelerators, firmware & realtime algorithms***

CERN, 40/S2-A01 - Salle Anderson

## Tuesday 28 April

13:30

### WP4-SESSION on INTELLIGENT ADVANCED PROCESSING, new accelerators, firmware & realtime algorithms

**Session** | **Location:** CERN, 40-S2-B01 Salle Bohr | **Convener:** Claire Shepherd-Themistocleous

#### 13:30-14:10 Advanced Data Processing for Medical Imaging

##### Speakers

Thomas Dey, eleftheria kostara

##### Subcontributions

##### Acceleration of PET reconstruction using INTEL Xeon Phi

###### Speaker

Thomas Dey

##### Advanced Information Processing developments

###### Speaker

Eleftheria Kostara

#### 14:10-14:50 The CMS Tracking Upgrade for HL-LHC

##### Speaker

Duccio Abbaneo

#### 14:50-15:30 The L1 Track Finder for CMS at HL-LHC

##### Speakers

Davide Cieri, Giacomo Fedi

##### Subcontributions

##### The L1 Track Finder based on an all-FPGA's architecture

###### Speaker

Davide Cieri

##### The L1 Track Finder based on Associative Memories

###### Speaker

Giacomo Fedi

15:40