

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