Session Program

25–30 Sept 2016

VERTEX 2016

B08-Poster and industry session

La Biodola, Isola d'Elba, Italy

Tuesday 27 September

18:00

B08-Poster and industry session
Poster Session | **Location:** La Biodola, Isola d'Elba, Italy

Wire-bonding and Assembly Studies for the Outermost Layer of Silicon Vertex Detector in the Belle-II experiment

Speakers

Hyebin Jeon, Mr Kookhyun Kang

2.5 Gb/s Simple Optical Wireless Communication System for Particle Detectors in High Energy Physics

Fast pattern recognition of ATLAS L1 track trigger for HL-LHC

Speaker

Mikael Martensson

A silicon positition sensitive detector for the AEGIS experiment

Speaker

Heidi Sandaker

Qualification of Barrel Pixel Detector Modules for the Phase 1 Upgrade of the CMS Vertex Detector

Speaker

Mr Simon Kudella

Tracking Machine Learning Challenge

Speaker

David Rousseau

4D fast tracking for experiments at the High Luminosity LHC

Speaker

Massimiliano Fiorini

Readout architecture for the Pixel-Strip module of the CMS Outer Tracker Phase-2 upgrade

Speaker

Davide Ceresa

PixFEL: development of an X-ray diffraction imager for future FEL applications

Speaker

Luca Lodola

Double-sided strip sensors for Limadou-CSES project

Speaker

Irina Rashevskaya

Characterization of HV-CMOS detectors in BCD8 technology and of a controlled hybridization technique

Speakers

Ettore Zaffaroni, Hitesh Shrimali

Testbeam results for the first real-time tracking system based on artificial retina algorithm

Speakers

Jinlin Fu, Marco Petruzzo

The CMS Pixel Luminosity Telescope

Speaker

Andreas Kornmayer

A Decay Tree Fitter for the Belle II Analysis Framework

Speakers

Dr Francesco Tenchini, Dr Francesco Tenchini

THE SOFTWARE FRAMEWORK OF THE BELLE II SILICON VERTEX DETECTOR AND ITS DEVELOPMENT FOR THE 2016 TEST-BEAM AT DESY

Speaker

Mr Giacomo Caria

An Associative Memory Chip for the Trigger System of the ATLAS Experiment

Speaker

Seyed Ruhollah Shojaii

Measurement of the hit resolution and reconstruction efficiency of the Belle-II Silicon Vertex Detector in the 2016 beam test at DESY

Speaker

Mr Thomas Lück

Large Area Thinned Planar Sensors for Future High-Luminosity-LHC Upgrades

Speaker

Dr Alexander Lawerenz

A monolithic pixel sensor with fine space-time resolution based on silicon-on-insulator technology for the ILC vertex detector

Speaker

Mr Shun Ono

Graphene and 2D Materials for Radiation Detection Devices

Speakers

Alberto Ciarrocchi, Francesco Forti

The Monitoring System of the Belle-II Vertex Detector

Speaker

Lorenzo Vitale

A Prototype of a New Generation Readout ASIC in 65nm CMOS for Pixel Detectors at HL-LHC

Speaker

Luca Pacher

19:30