

ICHEP 2014

Thursday 03 July 2014

Detector RD and Performance - Sala 6+7 (11:00-13:30)

-Conveners: Francesco Forti

| time | [id] title | presenter |
|-------|---|----------------------------|
| 11:00 | [245] CMS Detector Performance | Dr. GOY LOPEZ, Silvia |
| 11:20 | [252] CMS upgrade perspectives | PASTRONE, Nadia |
| 11:40 | [427] ATLAS Upgrades for the next Decades | Dr. LACASTA, Carlos |
| 12:00 | [281] The ATLAS Trigger System: Past, Present and Future | Dr. PASTORE, Francesca |
| 12:20 | [611] ATLAS jet and missing ET reconstruction, calibration, and performance | BERTA, Peter |
| 12:40 | [612] Performance of the reconstruction, calibration and identification of electrons and photons with the ATLAS detector, and their impact on the ATLAS physics results | BLANCHARD, Jean-Baptiste |
| 13:00 | [662] Upgrade of the CMS instrumentation for luminosity and machine induced background measurements | Dr. DABROWSKI, Anne Evelyn |
| 13:15 | [615] Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment. | PINGEL, Almut |

Detector RD and Performance - Sala 6+7 (15:00-17:30)

-Conveners: Felix Sefkow

| time | [id] title | presenter |
|-------|---|---------------------------|
| 15:00 | [714] Status of the ATLAS calorimeters: their performance during three years of LHC operation and plans for future upgrades | Prof. MAJEWSKI, Stephanie |
| 15:20 | [172] Role of the CMS electromagnetic calorimeter in the measurement of the Higgs boson properties and search for new physics | FERRI, Federico |
| 15:35 | [519] Performance of highly granular calorimeters in test beams | Dr. FOUZ, MaryCruz |
| 15:55 | [520] Comparison of test beam data from imaging calorimeters with GEANT4 simulations | Dr. SICKING, Eva |
| 16:15 | [173] Design options for the upgrade of the CMS electromagnetic calorimeter | Dr. PARAMATTI, Riccardo |
| 16:35 | [174] Phase I Upgrade of the CMS Hadron Calorimeter | COOPER, Seth |
| 16:50 | [25] Totally Active Scintillator Calorimeter for the Muon Ionization Cooling Experiment | Mr. ASFANDIYAROV, Ruslan |
| 17:10 | [924] The ATLAS Forward Proton (AFP) detector | Mr. GRINSTEIN, Sebastian |

Friday 04 July 2014

Detector RD and Performance - Auditorium 2 (15:00-17:30)

-Conveners: Felix Sefkow

| time | [id] title | presenter |
|-------|--|-------------------------|
| 15:00 | [178] CMS muon system towards LHC Run 2 and beyond | Dr. GUIDUCCI, Luigi |
| 15:20 | [227] Large-size triple GEM detectors for the CMS forward muon upgrade | Dr. CALABRIA, Cesare |
| 15:35 | [765] The New Small Wheel Upgrade Project of the ATLAS Experiment. | Dr. STELZER, Bernd |
| 15:50 | [104] Upgrade of the ALICE Time Projection Chamber for High-Rate Experiments | Dr. GASIK, Piotr |
| 16:10 | [521] Study of a Large Prototype TPC for the ILC using Micro-Pattern Gas Detectors | Dr. MUENNICH, Astrid |
| 16:25 | [916] High-Rate Capable Floating Strip Micromegas Detector | Mr. BORTFELDT, Jonathan |
| 16:45 | [522] Time of Flight detectors with SiPMT array readout | Dr. BONESINI, Maurizio |
| 17:05 | [942] Particle Identification with the Belle II iTOP Detector | Dr. KIRBY, Brian |

Saturday 05 July 2014

Detector RD and Performance - Auditorium 3B (09:00-11:00)

-Conveners: Ivan Vila Alvarez

| time | [id] title | presenter |
|-------|--|-------------------------------------|
| 09:00 | [1040] Optimization of a detector for the ILC | Dr. SUEHARA, Taikan |
| 09:20 | [1041] Engineering Challenges for detectors at the ILC | ORIUNNO, Marco |
| 09:40 | [1039] CLIC detector: performance optimisation for e+e- physics above 1 TeV and status of the corresponding R&D activities | DEMARTEAU, Marcel |
| 10:00 | [424] Potential and challenges of the physics measurements with very forward detectors at linear colliders | Prof. BOZOVIC JELISAVCIC, Ivanka |
| 10:20 | [513] Development of Massive Liquid Argon TPCs for LBNE | Prof. NOWAK, Jarek |
| 10:40 | [276] Sensitivity of the DANSS detector to short range neutrino oscillations | Prof. DANILOV, Mikhail |

Detector RD and Performance - Auditorium 3B (11:30-13:30)

-Conveners: Francesco Forti

| time | [id] title | presenter |
|-------|---|---------------------------|
| 11:30 | [175] CMS Trigger Improvements towards Run II | Dr. ACOSTA, Darin |
| 11:50 | [277] Towards a Level-1 tracking trigger for the ATLAS experiment | Prof. DE SANTO, Antonella |
| 12:10 | [505] Highly granular digital electromagnetic Calorimeter with MAPS | Dr. ROCCO, Elena |
| 12:30 | [335] Strategies for using GAPDs as tracker detectors in future linear colliders | Dr. VILELLA, Eva |
| 12:50 | [1034] The Mu2e Straw Tube Tracker and Crystal Calorimeter of the Mu2e Experiment | Prof. HITLIN, David |

Detector RD and Performance - Auditorium 3B (15:00-17:35)

-Conveners: Marcel Demarteau

| time | [id] title | presenter |
|-------|--|-------------------------------|
| 15:00 | [361] The LHCb VELO Upgrade | Dr. EKLUND, Lars |
| 15:20 | [666] The STAR Heavy Flavor Tracker (HFT) | Mr. CONTIN, Giacomo |
| 15:40 | [193] Diamond particle detectors systems in high energy physics | TRISCHUK, William |
| 15:55 | [17] DEPFET pixel detectors for future electron-positron experiments | Mr. BORONAT AREVALO, Marçà |
| 16:15 | [216] Status and plan for the upgrade of CMS Pixel Detector | LU, Rong-Shyang |
| 16:35 | [218] Phase 2 Upgrade of the CMS Tracker | Dr. MERSI, Stefano |
| 16:55 | [614] ATLAS Inner Tracking detectors: Run 1 performance and developments for Run 2 | LUKAS, Wolfgang |
| 17:15 | [792] The Pixel Detector of the ATLAS experiment for the Run2 at the Large Hadron Collider | Dr. MANDELLI, Beatrice |