

ACEOLE Six Months Meeting

Report of Contributions

Contribution ID: 8

Type: **not specified**

Welcome

Thursday 2 April 2009 09:00 (20 minutes)

Presenter: MCLAREN, Robert Andrew (CERN)

Session Classification: Welcome, admin and HR info for ACEOLE

Contribution ID: 9

Type: **not specified**

Admin and HR

Thursday 2 April 2009 09:20 (20 minutes)

Presenter: HEGARTY, Seamus (CERN)

Session Classification: Welcome, admin and HR info for ACEOLE

Contribution ID: 11

Type: **not specified**

3D Packaging Solutions for Future Pixel Detectors (WP1)

Thursday 2 April 2009 14:00 (25 minutes)

An overview of the challenges in building large area pixel detector assemblies and a description of potential solutions.

Presenter: TICK, Timo

Session Classification: ACEOLE Hardware projects

Contribution ID: 12

Type: **not specified**

Characterising Medipix Chips (WP1)

Thursday 2 April 2009 14:30 (25 minutes)

A description of systems developed to automate the testing of Medipix wafers and multiple assemblies.

Presenter: Dr PLACKETT, Richard (CERN)

Session Classification: ACEOLE Hardware projects

Contribution ID: 13

Type: **not specified**

An integrated DC-DC step-up charge pump for the serial powering scheme in ABCN (130nm) (WP3)

Thursday 2 April 2009 15:00 (25 minutes)

A short description of proposed powering schemes for upgraded ATLAS tracker and an overview of switched-capacitor circuits design.

Presenter: BOCHENEK, Michal (CERN)

Session Classification: ACEOLE Hardware projects

Contribution ID: 14

Type: **not specified**

Transceivers for Passive Optical Networks (WP4)

Thursday 2 April 2009 15:40 (25 minutes)

An overview of the technical challenges in transceiver design and recent developments in the field.

Presenter: PAPADOPOULOS, Spyridon

Session Classification: ACEOLE Hardware projects

Contribution ID: 15

Type: **not specified**

Passive Optical Networks in TTC systems (WP4)

Thursday 2 April 2009 16:10 (25 minutes)

The potential for using Passive Optical Networks for the distribution of timing-trigger-control messages in S-LHC.

Presenter: IOANNIS PAPAKONSTANTINOU (IOANNIS.PAPAKONSTANTINOU@CERN.CH)

Session Classification: ACEOLE Hardware projects

Contribution ID: **16**

Type: **not specified**

Laser characterization and modelling for the SLHC versatile transceiver (WP4)

Thursday 2 April 2009 16:40 (25 minutes)

Developing a model of optoelectronic components to inform a well optimized and robust design for the Super LHC versatile transceiver.

Presenter: DOS SANTOS BARBOSA OLIVEIRA DA SILVA, Sergio

Session Classification: ACEOLE Hardware projects

Contribution ID: **18**

Type: **not specified**

Online Aspect of the LHCb Full Experiment System Test: The Injector

Thursday 2 April 2009 10:00 (20 minutes)

Presenter: Mr GARNIER, Jean-Christophe (CERN)

Session Classification: ACEOLE DAQ Projects

Contribution ID: 19

Type: **not specified**

THE ALICE STORAGE SYSTEM: an Analysis of the Impact on the Performance of the Configuration Parameters and of the Load of Concurrent Streams

Thursday 2 April 2009 11:30 (20 minutes)

Presenter: Ms TELESKA, Adriana (CERN)

Session Classification: ACEOLE DAQ Projects

Contribution ID: **20**

Type: **not specified**

CMS experiment Detector Control System

Thursday 2 April 2009 10:30 (20 minutes)

Presenter: Ms HWONG, Yi Ling (CERN)

Session Classification: ACEOLE DAQ Projects

Contribution ID: 21

Type: **not specified**

Introduction to the ATLAS TDAQ Network Monitoring System

Thursday 2 April 2009 11:00 (20 minutes)

Presenter: Mr SAVU, Dan Octavian (CERN)

Session Classification: ACEOLE DAQ Projects