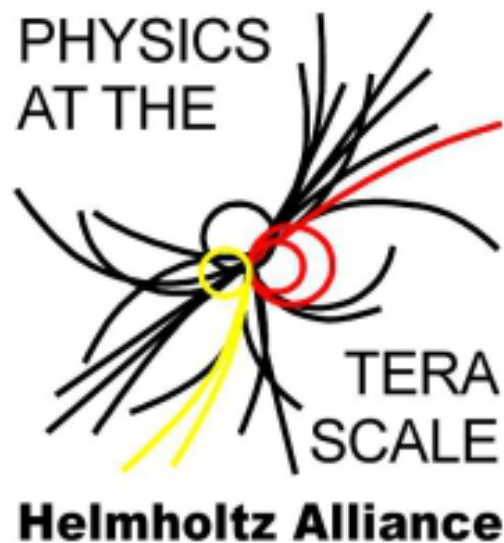


3. Detector Workshop of the Helmholtz Alliance "Physics at the Terascale"



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Monday 4 October 2010 13:00 (10 minutes)

Presenters: SCHULTZ-COULON, H.-C. (Universität Heidelberg); FELD, Lutz (RWTH Aachen)

Session Classification: Introduction

Contribution ID: 1

Type: **not specified**

VLDT News

Monday 4 October 2010 13:10 (20 minutes)

Presenter: KRÜGER, Hans (University of Bonn)

Session Classification: Introduction

Contribution ID: 2

Type: **not specified**

Forward Detectors

Monday 4 October 2010 13:30 (20 minutes)

Presenter: Dr ASTVATSATOUROV, Anatoli (II. Physikalisches Institut, Universität Giessen)

Session Classification: R&D Overviews I

Contribution ID: 3

Type: **not specified**

Aging Studies

Monday 4 October 2010 13:50 (20 minutes)

Presenter: Dr HERTENBERGER, Ralf (Ludwig-Maximilians-Universität)

Session Classification: R&D Overviews I

Contribution ID: 4

Type: **not specified**

ATLAS Silicon Upgrade

Monday 4 October 2010 14:10 (20 minutes)

Presenter: Dr WEINGARTEN, Jens (II. Physikalisches Institut - Kern- und Atomphysik, Georg-August-Universität Göttingen)

Session Classification: R&D Overviews I

Contribution ID: 5

Type: **not specified**

CMS Silicon Upgrade

Monday 4 October 2010 14:30 (20 minutes)

Presenter: Dr HARTMANN, Frank (IEKP Karlsruhe)

Session Classification: R&D Overviews I

Contribution ID: 6

Type: **not specified**

Radiation Hardness

Monday 4 October 2010 15:40 (20 minutes)

Presenter: ECKSTEIN, D. (DESY)

Session Classification: Special Topic - Silicon Detectors

Contribution ID: 7

Type: **not specified**

DEPFET for Belle & ILC

Monday 4 October 2010 16:00 (20 minutes)

Presenter: Dr MOSER, H.-G. (MPI)

Session Classification: Special Topic - Silicon Detectors

Contribution ID: 8

Type: **not specified**

New Powering Concepts for CMS Pixel and Strip Trackers

Monday 4 October 2010 16:20 (20 minutes)

Presenter: Dr KLEIN, Katja (RWTH Aachen)

Session Classification: Special Topic - Silicon Detectors

Contribution ID: 9

Type: **not specified**

Bump Bonding Pixel Detectors

Monday 4 October 2010 16:40 (20 minutes)

Presenter: Prof. FISCHER, Peter (Institut für Technische Informatik, Universität Heidelberg)

Session Classification: Special Topic - Silicon Detectors

Contribution ID: **10**

Type: **not specified**

Fast Data Transmission & Wireless R/O

Monday 4 October 2010 17:00 (20 minutes)

Presenter: Dr FLICK, Tobias (Bergische Universität Wuppertal)

Session Classification: Special Topic - Silicon Detectors

Contribution ID: 11

Type: **not specified**

Track Trigger Ideas

Monday 4 October 2010 18:00 (20 minutes)

Presenter: Prof. SCHÖNING, Andre (Physikalisches Institut, Universität Heidelberg)

Session Classification: Special Topic - LHC Trigger Upgrade

Contribution ID: 12

Type: **not specified**

CMS Muon (Trigger) Upgrade

Monday 4 October 2010 18:20 (20 minutes)

Presenter: Dr MERSCHMEYER, Markus (III. Physikalisches Institut, RWTH Aachen)

Session Classification: Special Topic - LHC Trigger Upgrade

Contribution ID: 13

Type: **not specified**

ATLAS L1 Calorimeter Trigger Upgrade

Monday 4 October 2010 18:40 (20 minutes)

Presenter: Dr SCHÄFER, Ulrich (Institut für Physik, Johannes Gutenberg-Universität Mainz)

Session Classification: Special Topic - LHC Trigger Upgrade

Contribution ID: 14

Type: **not specified**

TPC Developments

Tuesday 5 October 2010 09:00 (30 minutes)

Presenter: KAMINSKI, Jochen (University of Bonn)

Session Classification: R&D Overviews II

Contribution ID: 15

Type: **not specified**

Imaging Calorimeters

Tuesday 5 October 2010 09:30 (30 minutes)

Presenter: Dr LUCACI-TIMOCE, Angela (FLC, CALICE)

Session Classification: R&D Overviews II

Contribution ID: 16

Type: **not specified**

Upgrading LHC Calorimeters

Tuesday 5 October 2010 10:00 (30 minutes)

Presenter: Dr STRAESSNER, Arno (IKTP, TU Dresden)

Session Classification: R&D Overviews II

Contribution ID: 17

Type: **not specified**

New Ideas for SiPMs

Tuesday 5 October 2010 11:15 (20 minutes)

Presenter: Dr NINKOVIC, Jelena (Max Planck Institute for Physics Semiconductor Laboratory)

Session Classification: Special Topic - SiPMs

Contribution ID: **18**

Type: **not specified**

Precision Scintillation Trackers with SiPM R/O

Tuesday 5 October 2010 11:35 (20 minutes)

Presenter: Mr BEISCHER, Bastian (I. Physikalisches Institut, RWTH Aachen)

Session Classification: Special Topic - SiPMs

Contribution ID: **19**

Type: **not specified**

SiPMs in Calorimetry

Tuesday 5 October 2010 11:55 (20 minutes)

Presenter: Mr TADDAY, Alexander (Kirchhoff Institute for Physics, University of Heidelberg)

Session Classification: Special Topic - SiPMs

Contribution ID: 20

Type: **not specified**

SiPM Student Lab.

Tuesday 5 October 2010 12:15 (20 minutes)

Presenter: Dr GARUTTI, Erika (DESY)

Session Classification: Special Topic - SiPMs

Contribution ID: 21

Type: **not specified**

SiPM R/O Electronics

Tuesday 5 October 2010 12:35 (20 minutes)

Presenter: Mr SHEN, Wei (Kirchhoff-Institut für Physik, Universität Heidelberg)

Session Classification: Special Topic - SiPMs

Contribution ID: 22

Type: **not specified**

Towards Minimal Material for Pixel Trackers

Monday 4 October 2010 17:20 (20 minutes)

Presenter: GONELLA, Laura (Physikalisches Institut, Universität Bonn)

Session Classification: Special Topic - Silicon Detectors

Contribution ID: 23

Type: **not specified**

New Digital SiPMs from Philips: Applications and First Tests

Tuesday 5 October 2010 12:55 (20 minutes)

Presenter: HAYRAPETYAN, Avetik (Universität Gießen)

Session Classification: Special Topic - SiPMs