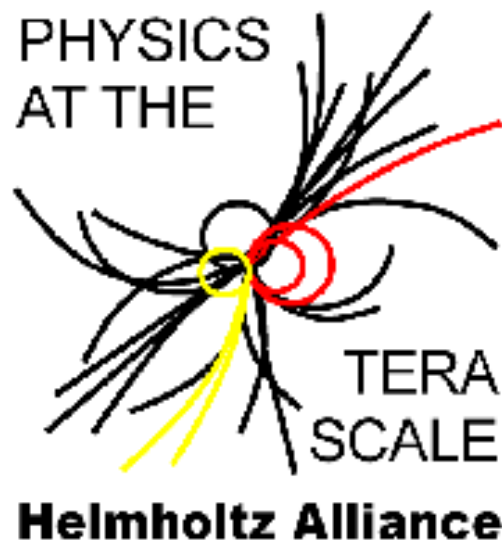


## 2. Detector Workshop of the Helmholtz Alliance 'Physics at the Terascale'



## Report of Contributions

Contribution ID: 0

Type: **not specified**

# Welcome

*Thursday, 2 April 2009 10:30 (5 minutes)*

**Session Classification:** Introduction + Pixel Detectors

Contribution ID: 1

Type: **not specified**

## Detector Alliance

*Thursday, 2 April 2009 10:35 (20 minutes)*

**Presenter:** Prof. MAETTIG, Peter (Bergische Universität Wuppertal)

**Session Classification:** Introduction + Pixel Detectors

Contribution ID: 2

Type: **not specified**

## **ATLAS Pixel Upgrade for sLHC**

*Thursday, 2 April 2009 11:00 (20 minutes)*

**Presenter:** Dr HÜGGING, Fabian (Universität Bonn)

**Session Classification:** Introduction + Pixel Detectors

Contribution ID: 3

Type: **not specified**

## **Radiation-Hard Silicon for the SLHC**

*Thursday, 2 April 2009 11:25 (15 minutes)*

**Presenter:** Dr PARZEFALL, Ulrich (Uni Freiburg)

**Session Classification:** Introduction + Pixel Detectors

Contribution ID: 4

Type: **not specified**

## **ATLAS Pixel Mechanics**

*Thursday, 2 April 2009 11:45 (15 minutes)*

**Presenter:** Dr FLICK, Tobias (Bergische Universität Wuppertal)

**Session Classification:** Introduction + Pixel Detectors

Contribution ID: 5

Type: **not specified**

## **DEPFET: ILC and sBelle**

*Thursday, 2 April 2009 12:05 (20 minutes)*

**Presenter:** Dr FREY, Ariane (Max Planck Institut fuer Physik, Muenchen)

**Session Classification:** Introduction + Pixel Detectors

Contribution ID: 6

Type: **not specified**

## **R&D towards DC-DC conversion powering schemes for the CMS Tracker at SLHC**

*Thursday, 2 April 2009 14:00 (20 minutes)*

**Presenter:** Dr KLEIN, Katja (RWTH Aachen)

**Session Classification:** Tracking and Forward Detectors



Contribution ID: 7

Type: **not specified**

## **New results on effective lifetimes and charge collection in radiation damaged silicon**

*Thursday, 2 April 2009 14:25 (15 minutes)*

**Presenter:** Mr LANGE, Joern (Hamburg University)

**Session Classification:** Tracking and Forward Detectors

Contribution ID: 8

Type: **not specified**

## **Radiation hard silicon: Microscopic damage, effective doping and dark current**

*Thursday, 2 April 2009 14:45 (15 minutes)*

**Presenter:** Ms JUNKES, Alexandra (Experimentalphysik)

**Session Classification:** Tracking and Forward Detectors

Contribution ID: 9

Type: **not specified**

## **Fast Timing Detectors and Forward Physics Project at the LHC experiments**

*Thursday, 2 April 2009 15:05 (15 minutes)*

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

**Session Classification:** Tracking and Forward Detectors

Contribution ID: **10**

Type: **not specified**

## **Upgrade planning for the ATLAS Level-1 Calorimeter Trigger**

*Thursday, 2 April 2009 16:00 (20 minutes)*

**Presenter:** Dr GROLL, Marius (Physicist)

**Session Classification:** Calorimeters and Muon Detectors

Contribution ID: 11

Type: **not specified**

## **R&D for an Upgrade of the ATLAS Liquid Argon Endcap and Forward calorimeters for sLHC**

*Thursday, 2 April 2009 16:25 (20 minutes)*

**Presenter:** Dr POSPELOV, Gennady (Max-Planck-Institut fuer Physik)

**Session Classification:** Calorimeters and Muon Detectors

Contribution ID: 12

Type: **not specified**

## SiMPI

*Thursday, 2 April 2009 17:15 (20 minutes)*

**Presenter:** Dr SIMON, Frank (Max-Planck-Institute for Physics)

**Session Classification:** Calorimeters and Muon Detectors

Contribution ID: 13

Type: **not specified**

## **Muon trigger studies for CMS at SLHC**

*Thursday, 2 April 2009 17:40 (20 minutes)*

**Presenter:** Mr FRANGENHEIM, Jens (single)

**Session Classification:** Calorimeters and Muon Detectors

Contribution ID: 14

Type: **not specified**

## **Development of Muon Drift-Tube Detectors for High-Luminosity Upgrades of the Large Hadron Collider**

**Presenter:** Dr LEGGER, Federica (MPI)



Contribution ID: 15

Type: **not specified**

## **Development of Muon Drift-Tube Detectors for High-Luminosity Upgrades of the Large Hadron Collider**

*Thursday, 2 April 2009 18:05 (20 minutes)*

**Presenter:** Dr LEGGER, Federica (MPI)

**Session Classification:** Calorimeters and Muon Detectors

Contribution ID: 16

Type: **not specified**

## TPC4ILC (prelim)

*Friday, 3 April 2009 09:20 (20 minutes)*

**Presenter:** KAMINSKI, Jochen (University of Bonn)

**Session Classification:** Detectors for the ILC

Contribution ID: 17

Type: **not specified**

## **Development of Highly Granular Hadronic Calorimeters for the ILC**

*Thursday, 2 April 2009 16:50 (20 minutes)*

**Presenter:** Dr SIMON, Frank (Max-Planck-Institute for Physics)

**Session Classification:** Calorimeters and Muon Detectors

Contribution ID: **18**

Type: **not specified**

## **Forward Calorimeters for the ILC**

*Friday, 3 April 2009 09:00 (15 minutes)*

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

**Session Classification:** Detectors for the ILC

Contribution ID: 19

Type: **not specified**

## **VLDT at University of Bonn**

*Friday, 3 April 2009 10:00 (20 minutes)*

**Presenter:** KRÜGER, Hans (University of Bonn)

**Session Classification:** VLDT 1

Contribution ID: **20**

Type: **not specified**

## **VLDT at University of Heidelberg**

*Friday, 3 April 2009 11:00 (20 minutes)*

**Presenter:** Mr MEIER, K. (Universität Heidelberg)

**Session Classification:** VLDT 2

Contribution ID: 21

Type: **not specified**

## **VLDT at DESY**

*Friday, 3 April 2009 09:45 (15 minutes)*

**Presenter:** Dr GREGOR, Ingrid-Maria (DESY)

**Session Classification:** VLDT 1

Contribution ID: 22

Type: **not specified**

## **Virtual Institute for Detector Technologies (VLDT) at Hamburg University**

*Friday, 3 April 2009 11:45 (15 minutes)*

**Presenter:** Dr STEINBRUECK, Georg (Hamburg University)

**Session Classification:** VLDT 2



Contribution ID: 23

Type: **not specified**

## **VLDT at University of Karlsruhe**

*Friday, 3 April 2009 11:25 (15 minutes)*

**Presenter:** Dr DIERLAMM, Alexander (Universität Karlsruhe)

**Session Classification:** VLDT 2

Contribution ID: 24

Type: **not specified**

## Alliance Projects

*Friday, 3 April 2009 12:05 (15 minutes)*

**Presenter:** SEFKOW, Felix (DESY)

**Session Classification:** VLDT 2

Contribution ID: 25

Type: **not specified**

## Farewell

*Friday, 3 April 2009 12:25 (5 minutes)*

**Session Classification:** VLDT 2