

**Vertex 2011 - The 20th
Anniversary International
Workshop on Vertex Detectors**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Wine Tasting

Sunday, 19 June 2011 20:00 (2 hours)

Contribution ID: 1

Type: **not specified**

Sunset boat trip with BBQ

Tuesday, 21 June 2011 18:00 (3 hours)

Contribution ID: 2

Type: **not specified**

Sailing on Lake Neusiedl

Wednesday, 22 June 2011 13:00 (8h 45m)

Contribution ID: 3

Type: **not specified**

Conference Dinner

Thursday, 23 June 2011 20:00 (3 hours)

Contribution ID: 4

Type: **not specified**

Departure

Friday, 24 June 2011 13:00 (1 hour)

Contribution ID: 5

Type: **not specified**

IOC meeting (closed)

Monday, 20 June 2011 20:00 (1h 30m)

Contribution ID: 6

Type: **not specified**

Welcome

Monday, 20 June 2011 09:00 (20 minutes)

Presenter: KRAMMER, Manfred (Institut fuer Hochenergiephysik (HEPHY))

Session Classification: Opening

Contribution ID: 7

Type: **not specified**

Overview of high-precision gas detectors

Monday, 20 June 2011 09:30 (30 minutes)

Presenter: CATTAL, Ariella (CERN)

Session Classification: Future Directions

Contribution ID: 8

Type: **not specified**

Overview on new technologies in Silicon Detectors

Monday, 20 June 2011 10:00 (30 minutes)

Presenter: VILA ALVAREZ, Ivan (IFCA - Instituto de Fisica de Cantabria-Consejo Sup. de Investig)

Session Classification: Future Directions

Contribution ID: 9

Type: **not specified**

Cooling in HEP Vertex and Tracking Detectors

Monday, 20 June 2011 11:00 (30 minutes)

Presenter: POSTEMA, Hans (CERN)

Session Classification: Future Directions

Contribution ID: **10**

Type: **not specified**

Overview of new technologies for construction of tracking detectors

Monday, 20 June 2011 11:30 (30 minutes)

Presenter: CADOUX, Franck (universite de geneve)

Session Classification: Future Directions

Contribution ID: 11

Type: **not specified**

First data of AMS-II after its launch

Monday, 20 June 2011 12:00 (30 minutes)

Presenter: AMBROSI, Giovanni (INFN Sez. di Perugia c/o Dipt. di Fisica (INFN))

Session Classification: Future Directions

Contribution ID: 12

Type: **not specified**

ATLAS Pixel

Monday, 20 June 2011 14:00 (30 minutes)

Presenter: DI GIROLAMO, Beniamino (CERN PH-ADE)

Session Classification: Detector Performance

Contribution ID: 13

Type: **not specified**

Operation and Performance of the ATLAS Silicon Microstrip Tracker

Monday, 20 June 2011 14:30 (30 minutes)

Presenter: Dr HAEFNER, Petra (MPI Munich)

Session Classification: Detector Performance

Contribution ID: 14

Type: **not specified**

LHCb VELO

Monday, 20 June 2011 15:00 (30 minutes)

Presenter: AKIBA, Kazu (Nikhef)

Session Classification: Detector Performance

Contribution ID: 15

Type: **not specified**

Operation of the CMS Pixel Detector

Monday, 20 June 2011 16:00 (30 minutes)

Presenter: STARODUMOV, Andrei (Labor fur Hochenergiephysik)

Session Classification: Detector Performance

Contribution ID: 16

Type: **not specified**

Operation of the CMS Strip Detector

Monday, 20 June 2011 16:30 (30 minutes)

Presenter: DEMARIA, Lino (INFN Torino)

Session Classification: Detector Performance

Contribution ID: 17

Type: **not specified**

CDF silicon operation and aging

Monday, 20 June 2011 17:00 (30 minutes)

Presenter: STANCARI, Michelle (FNAL)

Session Classification: Detector Performance

Contribution ID: **18**

Type: **not specified**

Impact of Vertex Detectors on Luminosity Calibration Measurements at the LHC

Tuesday, 21 June 2011 09:00 (30 minutes)

Presenter: FERRO-LUZZI, Massimiliano (CERN)

Session Classification: LHC Detector Performance

Contribution ID: **19**

Type: **not specified**

Performance of the CMS silicon tracker

Tuesday, 21 June 2011 09:30 (30 minutes)

Presenter: SGUAZZONI, Giacomo (INFN Florence)

Session Classification: LHC Detector Performance

Contribution ID: **20**

Type: **not specified**

Performance of the ATLAS Silicon Tracking Detectors

Tuesday, 21 June 2011 10:00 (30 minutes)

Presenter: ELSING, Markus (CERN)

Session Classification: LHC Detector Performance

Contribution ID: 21

Type: **not specified**

Performance of the ALICE silicon detectors

Tuesday, 21 June 2011 11:00 (30 minutes)

Presenter: Dr SANTORO, Romualdo (Univ. + INFN)

Session Classification: LHC Detector Performance

Contribution ID: 22

Type: **not specified**

Tracking and Alignment Performance of the LHCb silicon detectors

Tuesday, 21 June 2011 11:30 (30 minutes)

Presenter: BORGHI, Silvia (University of Glasgow)

Session Classification: LHC Detector Performance

Contribution ID: 23

Type: **not specified**

Totem: Silicon Detector Performance

Tuesday, 21 June 2011 12:00 (30 minutes)

Presenter: Dr RUGGIERO, Gennaro (CERN)

Session Classification: LHC Detector Performance

Contribution ID: 24

Type: **not specified**

The ATLAS Insertable B-Layer pixel detector

Tuesday, 21 June 2011 14:00 (30 minutes)

Presenter: PERNEGGER, Heinz (CERN)

Session Classification: New Detectors

Contribution ID: 25

Type: **not specified**

CMS Pixel Upgrade

Tuesday, 21 June 2011 14:30 (30 minutes)

Presenter: Dr BERTL, Wilhelm (PSI)

Session Classification: New Detectors

Contribution ID: 26

Type: **not specified**

LHCb Upgrade: from 1 to 40 MHz

Tuesday, 21 June 2011 15:00 (30 minutes)

Presenter: Dr GALLAS TORREIRA, Abraham Antonio (University of Santiago de Compostela, IG-FAE)

Session Classification: New Detectors

Contribution ID: 27

Type: **not specified**

ILC: All Silicon Tracker

Tuesday, 21 June 2011 16:00 (30 minutes)

Presenter: DAMERELL, Christopher (Unknown)

Session Classification: New Detectors

Contribution ID: 28

Type: **not specified**

Belle II Silicon Vertex Detector

Tuesday, 21 June 2011 16:30 (30 minutes)

Presenter: Dr FRIEDL, Markus (Institut fuer Hochenergiephysik (HEPHY))

Session Classification: New Detectors

Contribution ID: 29

Type: **not specified**

Super B Vertex and Vertical integration

Tuesday, 21 June 2011 17:00 (30 minutes)

Presenter: RE, Valerio (INFN)

Session Classification: New Detectors

Contribution ID: **30**

Type: **not specified**

TCAD simulations of silicon strip and pixel

Wednesday, 22 June 2011 09:00 (30 minutes)

Presenter: UNNO, yoshinobu

Session Classification: Device and Detector Simulation

Contribution ID: **31**

Type: **not specified**

Simulations of 3D detectors

Wednesday, 22 June 2011 09:30 (20 minutes)

Presenter: GIACOMINI, Gabriele (Fondazione Bruno Kessler)

Session Classification: Device and Detector Simulation

Contribution ID: 32

Type: **not specified**

Silicon Strip Detector simulation with a full Monte Carlo

Presenter: MAZZIOTTA, Mario Nicola (Dipartimento Interateneo di Fisica)

Contribution ID: **33**

Type: **not specified**

Silicon Simulation Code for Belle II and ILC

Wednesday, 22 June 2011 10:40 (20 minutes)

Presenter: DRASAL, Zbynek (Institute of Particle and Nuclear Physics)

Session Classification: Device and Detector Simulation

Contribution ID: 34

Type: **not specified**

Simulation of Pixel Detectors for ILC

Wednesday, 22 June 2011 11:00 (20 minutes)

Presenter: SINEV, Nikolai (University of Oregon)

Session Classification: Device and Detector Simulation

Contribution ID: 35

Type: **not specified**

Simulation of Irradiated Detectors and Charge Multiplication Effects

Wednesday, 22 June 2011 11:20 (20 minutes)

Presenter: MACCHIOLO, Anna (Max-Planck-Institut fuer Physik-Unknown-Unknown)

Session Classification: Device and Detector Simulation

Contribution ID: 36

Type: **not specified**

TCAD Silicon Sensor Simulations

Wednesday, 22 June 2011 11:40 (20 minutes)

Presenter: LOUNIS, Abdenour (LAL Orsay)

Session Classification: Device and Detector Simulation

Contribution ID: 37

Type: **not specified**

Latest developments in planar n-on-p sensors

Thursday, 23 June 2011 09:00 (30 minutes)

Presenter: Dr AFFOLDER, Anthony (University of Liverpool)

Session Classification: Radiation Hardness

Contribution ID: **38**

Type: **not specified**

3D Detectors

Thursday, 23 June 2011 09:30 (30 minutes)

Presenter: BATES, Richard (Department of Physics and Astronomy)

Session Classification: Radiation Hardness

Contribution ID: 39

Type: **not specified**

Diamond Detectors

Thursday, 23 June 2011 10:00 (30 minutes)

Presenter: HUEGGING, Fabian Georg (Unknown)

Session Classification: Radiation Hardness

Contribution ID: 40

Type: **not specified**

Charge Injection Devices

Thursday, 23 June 2011 11:00 (30 minutes)

Presenter: HAERKOENEN, Jaakko (Helsinki Institute of Physics HIP)

Session Classification: Radiation Hardness

Contribution ID: 41

Type: **not specified**

Defect and Material characterisation

Thursday, 23 June 2011 11:30 (30 minutes)

Presenter: JUNKES, alexandra (universität hamburg)

Session Classification: Radiation Hardness

Contribution ID: 42

Type: **not specified**

Evolution of Silicon Parameters due to Irradiation at the LHC

Thursday, 23 June 2011 12:00 (30 minutes)

Presenter: HARTMANN, Frank (KIT - IEKP)

Session Classification: Radiation Hardness

Contribution ID: 43

Type: **not specified**

A hybrid architecture for a prompt momentum discriminating tracker for SHLC

Thursday, 23 June 2011 14:00 (30 minutes)

Presenter: MARCHIORO, Alessandro (CERN)

Session Classification: Electronics & Trigger

Contribution ID: 44

Type: **not specified**

FE-I4 pixel readout chip and IBL module

Thursday, 23 June 2011 14:30 (30 minutes)

Presenter: Dr BARBERO, Marlon (Physikalisches Institute, Universitaet Bonn)

Session Classification: Electronics & Trigger

Contribution ID: 45

Type: **not specified**

Tracking Trigger for CMS

Thursday, 23 June 2011 15:00 (30 minutes)

Presenter: ABBANELO, Duccio (CERN)

Session Classification: Electronics & Trigger

Contribution ID: 46

Type: **not specified**

ATLAS FTK: Fast Track Trigger

Thursday, 23 June 2011 16:00 (30 minutes)

Presenter: TUGGLE, Joseph (University of Chicago)

Session Classification: Electronics & Trigger

Contribution ID: 47

Type: **not specified**

Powering for future detectors

Thursday, 23 June 2011 16:30 (30 minutes)

Presenter: KLEIN, Katja (I. Physikalisches Institut (B))

Session Classification: Electronics & Trigger

Contribution ID: 48

Type: **not specified**

Fast readout links

Thursday, 23 June 2011 17:00 (30 minutes)

Presenter: VASEY, Francois (CERN)

Session Classification: Electronics & Trigger

Contribution ID: 49

Type: **not specified**

SOI Developments

Thursday, 23 June 2011 17:30 (30 minutes)

Presenter: ONUKI, Yoshiyuki (Tohoku University)

Session Classification: Electronics & Trigger

Contribution ID: 50

Type: **not specified**

Pixel detectors for photon science at LCLS

Presenter: KENNEY, Christopher John (SLAC National Accelerator Laboratory-Unknown-Unknown)

Contribution ID: 51

Type: **not specified**

MAPS for spectroscopy

Friday, 24 June 2011 09:30 (30 minutes)

Presenter: Dr NOMEROTSKI, Andrei (University of Oxford)

Session Classification: Non-HEP Applications

Contribution ID: 52

Type: **not specified**

Development and applications of the Timepix3 chip

Friday, 24 June 2011 10:00 (30 minutes)

Presenter: GROMOV, Vladimir (NIKHEF)

Session Classification: Non-HEP Applications

Contribution ID: 53

Type: **not specified**

Summary Talk

Friday, 24 June 2011 11:00 (45 minutes)

Presenter: SU, Dong (SLAC)

Session Classification: Closing

Contribution ID: 54

Type: **not specified**

Closing

Friday, 24 June 2011 11:45 (15 minutes)

Presenter: KRAMMER, Manfred (Institut fuer Hochenergiephysik (HEPHY))

Session Classification: Closing

Contribution ID: 55

Type: **not specified**

The silicon detector of the muon g-2 experiment at JPARC

Friday, 24 June 2011 09:00 (30 minutes)

Presenter: Prof. MIBE, Tsutomu (KEK)

Session Classification: Non-HEP Applications

Contribution ID: 56

Type: **not specified**

Fast Simulation using the Lic Detector Toy

Wednesday, 22 June 2011 09:50 (20 minutes)

Presenter: VALENTAN, Manfred (Institut fuer Hochenergiephysik (HEPHY)-Oesterreichische Akademie)

Session Classification: Device and Detector Simulation