

Innovative Detectors for Supercolliders

Report of Contributions

Contribution ID: 1

Type: **not specified**

Novel supercolliders: what's next?

Monday 29 September 2003 09:15 (40 minutes)

Author: BARLETTA, W. (LBL)

Presenter: BARLETTA, W. (LBL)

Session Classification: General Aspects

Contribution ID: 2

Type: **not specified**

Detector construction, quality controls and commissioning

Monday 29 September 2003 10:05 (40 minutes)

Author: BALL, A. (CERN)

Presenter: BALL, A. (CERN)

Session Classification: General Aspects

Contribution ID: 3

Type: **not specified**

Detector simulation and GRID technology

Monday 29 September 2003 10:55 (40 minutes)

Author: CARMINATI, F. (CERN)

Presenter: CARMINATI, F. (CERN)

Session Classification: General Aspects

Contribution ID: 4

Type: **not specified**

Magnetic field geometries

Monday 29 September 2003 11:45 (40 minutes)

Author: KIRCHER, F. (Saclay)

Presenter: KIRCHER, F. (Saclay)

Session Classification: General Aspects

Contribution ID: 5

Type: **not specified**

Multichip technology and active pixel sensors

Monday 29 September 2003 15:30 (50 minutes)

Author: CAMPBELL, M (CERN)

Presenter: CAMPBELL, M (CERN)

Session Classification: General Aspects

Contribution ID: 6

Type: **not specified**

Trigger systems at hadron supercolliders

Monday 29 September 2003 16:30 (40 minutes)

Author: ELLIS, N (CERN)

Presenter: ELLIS, N (CERN)

Session Classification: General Aspects

Contribution ID: 7

Type: **not specified**

Data acquisition and mass storage

Monday 29 September 2003 17:40 (40 minutes)

Author: VANDE VYVRE, P. (CERN)

Presenter: VANDE VYVRE, P. (CERN)

Session Classification: General Aspects

Contribution ID: 8

Type: **not specified**

HPDs and MaPMTs

Friday 3 October 2003 15:30 (40 minutes)

Author: JORAM, C. (CERN)

Presenter: JORAM, C. (CERN)

Session Classification: Trends in photon detection

Contribution ID: 9

Type: **not specified**

Advances in avalanche photodiodes

Friday 3 October 2003 16:20 (40 minutes)

Author: MUSIENKO, Y (Northeastern University, Boston)

Presenter: MUSIENKO, Y (Northeastern University, Boston)

Session Classification: Trends in photon detection

Contribution ID: **10**

Type: **not specified**

SiPMs (silicon photomultipliers)

Friday 3 October 2003 17:30 (40 minutes)

Author: DOLGOSHEIN, B. (Moscow Phys. Engineering Institute)

Presenter: DOLGOSHEIN, B. (Moscow Phys. Engineering Institute)

Session Classification: Trends in photon detection

Contribution ID: 11

Type: **not specified**

Precision inner tracking systems

Tuesday 30 September 2003 09:10 (40 minutes)

Author: HABER, C. (LBL)

Presenter: HABER, C. (LBL)

Session Classification: Tracking with solid-state detectors

Contribution ID: **12**

Type: **not specified**

New trends

Tuesday 30 September 2003 10:00 (40 minutes)

Author: ROE, S. (CERN)

Presenter: ROE, S. (CERN)

Session Classification: Tracking with solid-state detectors

Contribution ID: 13

Type: **not specified**

Non-Si detectors

Tuesday 30 September 2003 11:10 (40 minutes)

Author: KAGAN, H. (Ohio State University)

Presenter: KAGAN, H. (Ohio State University)

Session Classification: Tracking with solid-state detectors

Contribution ID: 14

Type: **not specified**

Development of semiconductor detectors for very harsh radiation environments in high energy physics applications

Tuesday 30 September 2003 12:00 (40 minutes)

Author: CASSE, G. (University of Liverpool)

Presenter: CASSE, G. (University of Liverpool)

Session Classification: Tracking with solid-state detectors

Contribution ID: 15

Type: **not specified**

New trends in gaseous detectors

Tuesday 30 September 2003 15:30 (40 minutes)

Author: SAULI, F. (CERN)

Presenter: SAULI, F. (CERN)

Session Classification: Tracking with gaseous detectors

Contribution ID: 16

Type: **not specified**

Micro-pattern gaseous detectors

Tuesday 30 September 2003 16:20 (40 minutes)

Author: PESKOV, V. (KTH Stockholm)

Presenter: PESKOV, V. (KTH Stockholm)

Session Classification: Tracking with gaseous detectors

Contribution ID: 17

Type: **not specified**

System's aspects of (gaseous) tracking detectors

Tuesday 30 September 2003 17:30 (40 minutes)

Author: MEYER, T. (CERN)

Presenter: MEYER, T. (CERN)

Session Classification: Tracking with gaseous detectors

Contribution ID: 18

Type: **not specified**

Radiation damage and long term ageing in gas detectors

Tuesday 30 September 2003 18:20 (40 minutes)

Author: TITOV, M. (Freiburg University and ITEP-Moscow)

Presenter: TITOV, M. (Freiburg University and ITEP-Moscow)

Session Classification: Tracking with gaseous detectors

Contribution ID: 19

Type: **not specified**

Transition radiation detectors: recent developments and perspectives

Wednesday 1 October 2003 09:10 (40 minutes)

Author: SPINELLI, P. (University of Bari and INFN, Sez. of Bari)

Presenter: SPINELLI, P. (University of Bari and INFN, Sez. of Bari)

Session Classification: Lepton identification

Contribution ID: 20

Type: **not specified**

Hadron blind RICH detectors

Wednesday 1 October 2003 10:00 (40 minutes)

Author: GERNHAEUSER, R (Technical University, Munich)

Presenter: GERNHAEUSER, R (Technical University, Munich)

Session Classification: Lepton identification

Contribution ID: 21

Type: **not specified**

Pre-showering techniques

Wednesday 1 October 2003 11:10 (40 minutes)

Author: GO, A. (NCU-Taiwan)

Presenter: GO, A. (NCU-Taiwan)

Session Classification: Lepton identification

Contribution ID: 22

Type: **not specified**

Muon detection

Wednesday 1 October 2003 12:00 (40 minutes)

Author: DI CIACCIO, A. (University of Tor Vergata, Rome and INFN)

Presenter: DI CIACCIO, A. (University of Tor Vergata, Rome and INFN)

Session Classification: Lepton identification

Contribution ID: 23

Type: **not specified**

Cherenkov imaging techniques

Wednesday 1 October 2003 15:30 (40 minutes)

Author: VAVRA, J. (SLAC)

Presenter: VAVRA, J. (SLAC)

Session Classification: Hadron identification

Contribution ID: 24

Type: **not specified**

Aerogel applications

Wednesday 1 October 2003 16:20 (40 minutes)

Author: DE LEO, R. (University of Bari and INFN, Sez. of Bari)

Presenter: DE LEO, R. (University of Bari and INFN, Sez. of Bari)

Session Classification: Hadron identification

Contribution ID: 25

Type: **not specified**

TOF

Wednesday 1 October 2003 17:30 (40 minutes)

Author: WILLIAMS, C. (INFN Bologna)

Presenter: WILLIAMS, C. (INFN Bologna)

Session Classification: Hadron identification

Contribution ID: 26

Type: **not specified**

dE/dx

Wednesday 1 October 2003 18:20 (40 minutes)

Author: BICHSEL, H. (University of Washington)

Presenter: BICHSEL, H. (University of Washington)

Session Classification: Hadron identification

Contribution ID: 27

Type: **not specified**

E.M. calorimetry

Friday 3 October 2003 09:10 (40 minutes)

Author: CAMPORESI, T. (CERN)

Presenter: CAMPORESI, T. (CERN)

Session Classification: Calorimetry

Contribution ID: **28**

Type: **not specified**

Hadron calorimetry

Friday 3 October 2003 10:00 (40 minutes)

Author: FREEMAN, J. (Fermilab)

Presenter: FREEMAN, J. (Fermilab)

Session Classification: Calorimetry

Contribution ID: 29

Type: **not specified**

Current status and future prospects of inorganic scintillator research

Friday 3 October 2003 11:10 (40 minutes)

Author: DORENBOS, P. (TU Delft)

Presenter: DORENBOS, P. (TU Delft)

Session Classification: Calorimetry

Contribution ID: 30

Type: **not specified**

Radioactivation

Friday 3 October 2003 12:00 (40 minutes)

Author: HUHTINEN, M. (CERN)

Presenter: HUHTINEN, M. (CERN)

Session Classification: Calorimetry