

**New Zealand-Australia
Semiconductor
Instrumentation Workshop**

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Physics at the LHC

Monday, 21 June 2004 09:15 (40 minutes)

Author: ELLIS, J. (CERN)

Presenter: ELLIS, J. (CERN)

Session Classification: Particle Physics

Contribution ID: 2

Type: **not specified**

Signal Processing

Monday, 21 June 2004 17:10 (30 minutes)

Author: BONES, P. (University of Canterbury)

Presenter: BONES, P. (University of Canterbury)

Session Classification: Particle Physics

Contribution ID: 3

Type: **not specified**

Heavy Ion Physics at CMS

Monday, 21 June 2004 17:40 (30 minutes)

Author: KROFCHECK, D. (University of Auckland)

Presenter: KROFCHECK, D. (University of Auckland)

Session Classification: Particle Physics

Contribution ID: 4

Type: **not specified**

The Large Hadron Collider

Monday, 21 June 2004 09:55 (30 minutes)

Author: TSESMELIS, E. (CERN)

Presenter: TSESMELIS, E. (CERN)

Session Classification: Particle Physics

Contribution ID: 5

Type: **not specified**

Astro-physics at the South Pole

Monday, 21 June 2004 10:50 (30 minutes)

Author: SEUNARINE, S. (University of Canterbury)

Presenter: SEUNARINE, S. (University of Canterbury)

Session Classification: Particle Physics

Contribution ID: 6

Type: **not specified**

Silicon: Present Status and Future Trends

Monday, 21 June 2004 11:20 (50 minutes)

Author: ROE, S. (CERN)

Presenter: ROE, S. (CERN)

Session Classification: Particle Physics

Contribution ID: 7

Type: **not specified**

Silicon at CDF

Monday, 21 June 2004 12:10 (40 minutes)

Author: KRUSE, M (Duke University)

Presenter: KRUSE, M (Duke University)

Session Classification: Particle Physics

Contribution ID: 8

Type: **not specified**

Pixels at CMS

Monday, 21 June 2004 14:00 (40 minutes)

Author: MACPHERSON, A. (PSI/CERN)

Presenter: MACPHERSON, A. (PSI/CERN)

Session Classification: Particle Physics

Contribution ID: 9

Type: **not specified**

Silicon at Belle and Super Belle

Monday, 21 June 2004 14:40 (40 minutes)

Author: VARNER, G. (University of Hawaii)

Presenter: VARNER, G. (University of Hawaii)

Session Classification: Particle Physics

Contribution ID: **10**

Type: **not specified**

Nano technology down under

Monday, 21 June 2004 16:10 (30 minutes)

Author: BROWN, S. (University of Canterbury)

Presenter: BROWN, S. (University of Canterbury)

Session Classification: Particle Physics

Contribution ID: **11**

Type: **not specified**

Analysis Trends (GRID)

Monday, 21 June 2004 16:40 (30 minutes)

Author: MOLONEY, G. (University of Melbourne)

Presenter: MOLONEY, G. (University of Melbourne)

Session Classification: Particle Physics

Contribution ID: **12**

Type: **not specified**

Introduction

Monday, 21 June 2004 09:00 (15 minutes)

Author: BLECHSCHMIDT, D. (CERN)

Presenter: BLECHSCHMIDT, D. (CERN)

Session Classification: Introduction

Contribution ID: **13**

Type: **not specified**

Workshop Photos

Monday, 21 June 2004 09:15 (20 minutes)

Session Classification: Introduction

Contribution ID: 14

Type: **not specified**

Detector Requirements for the Australian Synchrotron

Tuesday, 22 June 2004 09:00 (50 minutes)

Author: BERRY, A. (Monash University)

Presenter: BERRY, A. (Monash University)

Session Classification: Bio-Medical

Contribution ID: 15

Type: **not specified**

Semiconductor detector/dosimetry applied to medical physics

Tuesday, 22 June 2004 09:50 (30 minutes)

Author: ROSENFELD, A. (University of Wollongong)

Presenter: ROSENFELD, A. (University of Wollongong)

Session Classification: Bio-Medical

Contribution ID: 16

Type: **not specified**

Data Visualisation (moved here due to travel constraints)

Tuesday, 22 June 2004 10:40 (30 minutes)

Author: BILLINGHURST, M. (HITLabNZ)

Presenter: BILLINGHURST, M. (HITLabNZ)

Session Classification: Bio-Medical

Contribution ID: 17

Type: **not specified**

The MediPix Programme

Tuesday, 22 June 2004 11:10 (50 minutes)

Author: CAMPBELL, M. (CERN)

Presenter: CAMPBELL, M. (CERN)

Session Classification: Bio-Medical

Contribution ID: **18**

Type: **not specified**

Medical Imaging

Tuesday, 22 June 2004 12:00 (30 minutes)

Author: COOK, N. (Christchurch Hospital)

Presenter: COOK, N. (Christchurch Hospital)

Session Classification: Bio-Medical

Contribution ID: **19**

Type: **not specified**

PET: application of the VA chip

Tuesday, 22 June 2004 13:30 (30 minutes)

Author: TAYLOR, G. (University of Melbourne)

Presenter: TAYLOR, G. (University of Melbourne)

Session Classification: Bio-Medical

Contribution ID: 20

Type: **not specified**

Bench top Imagers: The NZ VA Experience

Tuesday, 22 June 2004 14:00 (30 minutes)

Author: GRAY, R. (University of Auckland)

Presenter: GRAY, R. (University of Auckland)

Session Classification: Bio-Medical

Contribution ID: **21**

Type: **not specified**

Compton Camera

Tuesday, 22 June 2004 14:30 (30 minutes)

Author: ROE, S. (CERN)

Presenter: ROE, S. (CERN)

Session Classification: Bio-Medical

Contribution ID: 22

Type: **not specified**

Silicon in space: The AMS Experiment

Tuesday, 22 June 2004 15:20 (50 minutes)

Author: BOURQUIN, M. (Geneva University)

Presenter: BOURQUIN, M. (Geneva University)

Session Classification: Astronomy and Astrophysics

Contribution ID: 23

Type: **not specified**

Silicon in PAMELA

Tuesday, 22 June 2004 16:10 (30 minutes)

Author: VACCHI, A. (Trieste University)

Presenter: VACCHI, A. (Trieste University)

Session Classification: Astronomy and Astrophysics

Contribution ID: 24

Type: **not specified**

Optical CCDs and SALT

Tuesday, 22 June 2004 16:40 (30 minutes)

Author: ALBROW, M. (University of Canterbury)

Presenter: ALBROW, M. (University of Canterbury)

Session Classification: Astronomy and Astrophysics

Contribution ID: 25

Type: **not specified**

Microlensing with CCDs

Tuesday, 22 June 2004 17:10 (30 minutes)

Author: YOCK, P (University of Auckland)

Presenter: YOCK, P (University of Auckland)

Session Classification: Astronomy and Astrophysics

Contribution ID: 26

Type: **not specified**

Neutrino detection at the South Pole: Instrumentation issues

Tuesday, 22 June 2004 17:40 (30 minutes)

Author: CHURCHWELL, S. (University of Canterbury)

Presenter: CHURCHWELL, S. (University of Canterbury)

Session Classification: Astronomy and Astrophysics

Contribution ID: 27

Type: **not specified**

Introduction

Wednesday, 23 June 2004 09:00 (15 minutes)

Author: MACPHERSON, A. (CERN/PSI)

Presenter: MACPHERSON, A. (CERN/PSI)

Session Classification: The Research Environment and Future Directions

Contribution ID: **28**

Type: **not specified**

Workshop Outcomes

Wednesday, 23 June 2004 14:50 (45 minutes)

Author: TAYLOR, G. (University of Melbourne)

Presenter: TAYLOR, G. (University of Melbourne)

Session Classification: The Research Environment and Future Directions

Contribution ID: 29

Type: **not specified**

Building on Science

Wednesday, 23 June 2004 09:15 (30 minutes)

Author: BOURQUIN, M. (University of Geneva)

Presenter: BOURQUIN, M. (University of Geneva)

Session Classification: The Research Environment and Future Directions

Contribution ID: **30**

Type: **not specified**

NZ/Australia –CERN

Wednesday, 23 June 2004 09:45 (30 minutes)

Author: BLECHSCHMIDT, D. (CERN)

Presenter: BLECHSCHMIDT, D. (CERN)

Session Classification: The Research Environment and Future Directions

Contribution ID: 31

Type: **not specified**

Australasia and the EU

Wednesday, 23 June 2004 10:15 (30 minutes)

Author: PETERSEN, R. (MoRST, New Zealand Government)

Presenter: PETERSEN, R. (MoRST, New Zealand Government)

Session Classification: The Research Environment and Future Directions

Contribution ID: 32

Type: **not specified**

NZ Government brokered research partnerships

Wednesday, 23 June 2004 11:00 (30 minutes)

Author: BENFELL, P. (FoRST, New Zealand Government)

Presenter: BENFELL, P. (FoRST, New Zealand Government)

Session Classification: The Research Environment and Future Directions

Contribution ID: 33

Type: **not specified**

The next generation Internet

Wednesday, 23 June 2004 11:30 (30 minutes)

Author: VAN NORTWICK , J. AND JARVIE, C. (MoRST, New Zealand Government)

Presenter: VAN NORTWICK , J. AND JARVIE, C. (MoRST, New Zealand Government)

Session Classification: The Research Environment and Future Directions

Contribution ID: 34

Type: **not specified**

New Zealand Funding

Wednesday, 23 June 2004 12:00 (15 minutes)

Author: THOMPSON, S. (RSNZ)

Presenter: THOMPSON, S. (RSNZ)

Session Classification: The Research Environment and Future Directions

Contribution ID: 35

Type: **not specified**

Challenges and Status of the CMS experiment at CERN and partnership with New Zealand

Wednesday, 23 June 2004 13:30 (50 minutes)

Author: BALL, A. (CERN)

Presenter: BALL, A. (CERN)

Session Classification: The Research Environment and Future Directions

Contribution ID: 36

Type: **not specified**

Research and Industry

Wednesday, 23 June 2004 14:20 (30 minutes)

Author: KIRKPATRICK, N. (Industrial Research Limited, NZ)

Presenter: KIRKPATRICK, N. (Industrial Research Limited, NZ)

Session Classification: The Research Environment and Future Directions