

# 1st EIROforum School on Instrumentation



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## Welcome/Organization

**Presenter:** JORAM, Christian (CERN)

Contribution ID: 1

Type: **not specified**

## Welcome/ Organization

*Monday 11 May 2009 08:30 (10 minutes)*

**Presenter:** JORAM, Christian (CERN)

Contribution ID: 2

Type: **not specified**

## **Interaction of particles & photons**

*Monday 11 May 2009 08:40 (1h 20m)*

**Presenter:** VEENHOF, Robert

Contribution ID: 3

Type: **not specified**

## **Particle tracking (gas, silicon, fibres) and photon detection**

*Monday 11 May 2009 10:30 (1h 30m)*

**Presenters:** JORAM, Christian (CERN); HAUSCHILD, Michael (CERN)

Contribution ID: 4

Type: **not specified**

## Discussion

*Monday 11 May 2009 12:00 (30 minutes)*

Contribution ID: 5

Type: **not specified**

## Lunch break

Contribution ID: 6

Type: **not specified**

## **Principles and techniques in Calorimetry**

*Monday 11 May 2009 13:30 (45 minutes)*

**Presenter:** COCKERILL, david (RAL)



Contribution ID: 7

Type: **not specified**

## Particle Identification

*Monday 11 May 2009 14:15 (45 minutes)*

**Presenter:** BAECHLER, Joachim (CERN)

Contribution ID: **8**

Type: **not specified**

## **Detector systems & HEP Applications**

*Monday 11 May 2009 15:30 (1 hour)*

**Presenter:** NESSI, Marzio (CERN)

Contribution ID: 9

Type: **not specified**

## Discussion

*Monday 11 May 2009 17:00 (1 hour)*

Contribution ID: **10**

Type: **not specified**

## **Welcome reception**

*Monday 11 May 2009 18:00 (45 minutes)*

Contribution ID: 11

Type: **not specified**

## **Design of Neutron Instrumentation via Simulation**

*Tuesday 12 May 2009 08:30 (45 minutes)*

**Presenter:** FARHI, Emmanuel

Contribution ID: 12

Type: **not specified**

## **Principles and Fabrication of Neutron Detectors**

*Tuesday 12 May 2009 09:15 (45 minutes)*

**Presenter:** GUERARD, Bruno (ILL)

Contribution ID: **13**

Type: **not specified**

## Neutron Optics

*Tuesday 12 May 2009 10:30 (45 minutes)*

**Presenter:** ANDERSEN, Ken

Contribution ID: 14

Type: **not specified**

## **Sample Environment in Neutron Instrumentation**

*Tuesday 12 May 2009 11:15 (45 minutes)*

**Presenter:** LELIEVRE-BERNA, Eddy



Contribution ID: 15

Type: **not specified**

## Discussion

*Tuesday 12 May 2009 12:00 (30 minutes)*

Contribution ID: **16**

Type: **not specified**

## **Introduction to Electronics / Front-end**

*Tuesday 12 May 2009 13:30 (1h 30m)*

**Presenters:** CHRISTIANSEN, Jorgen (CERN); VAN ESCH, Patrick

Contribution ID: 17

Type: **not specified**

# **Introduction to Trigger / Data Acquisition / Data Analysis**

*Tuesday 12 May 2009 15:30 (1h 30m)*

**Presenter:** NEUFELD, Niko (CERN)

Contribution ID: **18**

Type: **not specified**

## **Discussion**

*Tuesday 12 May 2009 17:00 (1 hour)*

Contribution ID: **19**

Type: **not specified**

## Poster Session I

*Tuesday 12 May 2009 18:00 (45 minutes)*

ARFAOUI, Samir  
BASSIGNANA, Daniela  
DOBOS, Daniel  
DOUISSARD, Paul Antoine  
GEBERT, Ulrike  
GUTIERREZ-MARQUES, Pablo  
KIEFFER, Isabelle  
LEUNG, Kent  
RIVA, Alberto  
TOMUTA, Dana  
VOGEL, Dirk  
WEINGARTEN, Jens  
WIIK, Liv

Contribution ID: 20

Type: **not specified**

# **Introduction to Synchrotron Radiation Instrumentation**

*Wednesday 13 May 2009 08:30 (45 minutes)*

**Presenter:** FAJARDO, Pablo

Contribution ID: 21

Type: **not specified**

## **X-ray optics for Synchrotron Radiation Beamlines**

*Wednesday 13 May 2009 09:15 (45 minutes)*

**Presenter:** BARRETT, Raymond

Contribution ID: 22

Type: **not specified**

## **Area Detectors for SR experiments: Technology and Characterisation**

*Wednesday 13 May 2009 10:30 (45 minutes)*

**Presenter:** PONCHUT, Cyril



Contribution ID: 23

Type: **not specified**

## **Energy Dispersive X-ray Detectors for Spectroscopy Applications**

*Wednesday 13 May 2009 11:15 (45 minutes)*

**Presenter:** MORSE, John

Contribution ID: 24

Type: **not specified**

## Discussion

*Wednesday 13 May 2009 12:00 (30 minutes)*

Contribution ID: 25

Type: **not specified**

## **Introduction to CERN / Lab visits**

*Wednesday 13 May 2009 15:30 (2h 30m)*

**Presenter:** TAUREG, Hans

Contribution ID: 26

Type: **not specified**

## **Special Talk: The Fantastical World of Adaptive Optics (The Physics behind the Buzzwords)**

*Wednesday 13 May 2009 13:30 (1h 30m)*

**Presenter:** BELETIC, James

Contribution ID: 27

Type: **not specified**

## Discussion

Contribution ID: **28**

Type: **not specified**

## Poster session II

*Wednesday 13 May 2009 18:00 (45 minutes)*

CAVICCHIOLI, Costanza  
CROCI, Gabriele  
FRANZ, Sebastien  
GUTZWILLER, Olivier  
HAJDU, Csaba  
JAKOBSEN, Sune  
JURGA, Piotr  
LIU, Lijiao  
MAGER, Magnus  
MAPELLI, Alessandro  
RISQUEZ, Daniel  
SCHOPFERER, Sebastian  
VENTURINI, Giuseppe  
VERHEYDEN, Ruben  
WATTS, David

Contribution ID: 29

Type: **not specified**

## **Introduction to Ground based Astronomical Instrumentation**

*Thursday 14 May 2009 08:30 (45 minutes)*

**Presenter:** RAMSAY, Suzanne

Contribution ID: **30**

Type: **not specified**

## **Basic Principles of Photon Detectors used in Astronomy**

*Thursday 14 May 2009 09:15 (45 minutes)*

**Presenter:** DORN, Reinhold



Contribution ID: **31**

Type: **not specified**

## **Modelling / Simulation : Geant4, Fluka, Garfield**

*Thursday 14 May 2009 10:30 (1h 30m)*

**Presenters:** APOSTOLAKIS, John (CERN); SALA, Paola; VEENHOF, Robert

Contribution ID: **32**

Type: **not specified**

## **Discussion**

*Thursday 14 May 2009 12:00 (30 minutes)*

Contribution ID: **33**

Type: **not specified**

## **Radiation Hardness Issues / Detectors**

*Thursday 14 May 2009 13:30 (1h 30m)*

**Presenters:** CAPEANS GARRIDO, Mar (CERN); MOLL, Michael (CERN); BARNSELY, Robin

Contribution ID: **34**

Type: **not specified**

## **Radiation Hardness Issues / Electronics**

*Thursday 14 May 2009 15:30 (1h 30m)*

**Presenters:** FACCIO, Federico (CERN); DENTAN, Martin

Contribution ID: 35

Type: **not specified**

## Discussion

*Thursday 14 May 2009 17:00 (1 hour)*

Contribution ID: **36**

Type: **not specified**

## Poster session III

*Thursday 14 May 2009 18:00 (45 minutes)*

ALFONSI, Matteo  
BECKER, Julian  
BOSMA, Marten  
DUARTE PINTO, Serge  
FAHRER/MEKKI, Manuel/Julien  
FONDACARO, Andrea  
GUARDIOLA, Consuelo  
GUIDA, Roberto  
JUNKES, Alexandra  
KASKA, Katharina  
KOEHLER, Michael  
PACIFICO, Nicola  
PRODHOMME, Thibaut  
RAISON/MARTIN FLEITAS, Frederic/Juan  
VILLA, Marco

Contribution ID: 37

Type: **not specified**

## **Astronomy Instrumentation in Space**

*Friday 15 May 2009 08:30 (45 minutes)*

**Presenter:** LUMB, David

Contribution ID: **38**

Type: **not specified**

## **Instrumentation for Planetary exploration**

*Friday 15 May 2009 09:15 (45 minutes)*

**Presenter:** ERD, Christian



Contribution ID: 39

Type: **not specified**

## **Measurement Techniques for Reactor Relevant Fusion Experiments**

*Friday 15 May 2009 10:30 (45 minutes)*

**Presenter:** MURARI, Andrea

Contribution ID: 40

Type: **not specified**

## Neutron Diagnostics for Fusion Experiments

*Friday 15 May 2009 11:15 (45 minutes)*

**Presenter:** BONHEURE, Georges

Contribution ID: 41

Type: **not specified**

## Discussion

*Friday 15 May 2009 12:00 (30 minutes)*

Contribution ID: 42

Type: **not specified**

## Magnets

*Friday 15 May 2009 13:30 (45 minutes)*

**Presenter:** FOUSSAT, Arnaud (CERN)

Contribution ID: 43

Type: **not specified**

## **Precision Mechanics / Systems Aspects**

*Friday 15 May 2009 14:15 (45 minutes)*

**Presenters:** CATINACCIO, Andrea (CERN); ONNELA, Antti (CERN)

Contribution ID: 44

Type: **not specified**

## School Evaluation

*Friday 15 May 2009 15:30 (1h 30m)*

Contribution ID: 45

Type: **not specified**

## **History of Instrumentation**

*Monday 11 May 2009 16:30 (30 minutes)*

**Presenter:** HAUSCHILD, Michael (CERN)

Contribution ID: 46

Type: **not specified**

## **Best Poster award**



Contribution ID: 47

Type: **not specified**

## Social Dinner

Contribution ID: 48

Type: **not specified**

## **Best poster award**

*Thursday 14 May 2009 22:00 (20 minutes)*