

# **Panda Front-End and DAQ Workshop**

## **Report of Contributions**

Contribution ID: 4

Type: **not specified**

## Introduction

**Presenter:** Dr RIVETTI, Angelo (INFN)

Contribution ID: 5

Type: **not specified**

## Introduction

*Monday, 29 April 2013 09:00 (10 minutes)*

**Session Classification:** Front-End Session I

Contribution ID: 6

Type: **not specified**

## **Status of the pixel front-end electronics**

*Monday, 29 April 2013 09:10 (30 minutes)*

**Presenter:** Mr MAZZA, Giovanni (INFN Sez. Torino)

**Session Classification:** Front-End Session I

Contribution ID: 7

Type: **not specified**

## **The TOFPET chip: a time based readout for radiation detectors**

*Monday, 29 April 2013 09:40 (30 minutes)*

**Presenter:** ROLO, Manuel (LIP/INFN)

**Session Classification:** Front-End Session I

Contribution ID: 8

Type: **not specified**

## **First simulations for a time based readout for the microstrip MVD**

*Monday, 29 April 2013 10:10 (20 minutes)*

**Presenter:** DI PIETRO, Valentino

**Session Classification:** Front-End Session I

Contribution ID: 9

Type: **not specified**

## Updates on the MVD microstrips

*Monday, 29 April 2013 11:00 (20 minutes)*

**Presenter:** Mr SCHNELL, Robert (II. PI, JLU Giessen)

**Session Classification:** Front-End Session II

Contribution ID: **10**

Type: **not specified**

## **Overview and requirements of the GEM detectors**

*Monday, 29 April 2013 11:20 (20 minutes)*

**Presenter:** Mr GROMLIUK, Andrii (GSI)

**Session Classification:** Front-End Session II



Contribution ID: **11**

Type: **not specified**

## **Status report of the APFEL ASIC development**

*Monday, 29 April 2013 11:40 (30 minutes)*

**Presenter:** Dr FLEMMING, Holger (Gesellschaft für Schwerionenforschung)

**Session Classification:** Front-End Session II

Contribution ID: 12

Type: **not specified**

## **Status and planning of the EMC Proto120**

Contribution ID: 13

Type: **not specified**

## **Status report of the EMC Proto120**

*Monday, 29 April 2013 12:10 (20 minutes)*

**Presenter:** Dr DREXLER, Peter (II Physikalisches Institut, JLU Giessen)

**Session Classification:** Front-End Session II

Contribution ID: 14

Type: **not specified**

## Updates on the STRAW front-end electronics

*Monday, 29 April 2013 12:30 (20 minutes)*

**Presenter:** Dr GIANOTTI, Paola (INFN)

**Session Classification:** Front-End Session II

Contribution ID: 15

Type: **not specified**

## **The CERN TDC in 0.13 um**

*Monday, 29 April 2013 14:00 (30 minutes)*

**Presenter:** PERKTOLD, Lucas (CERN)

**Session Classification:** Front-End Session III

Contribution ID: 16

Type: **not specified**

## **The GSI event driven TDC GET4**

*Monday, 29 April 2013 14:30 (30 minutes)*

**Presenter:** Dr FLEMMING, Holger (Gesellschaft für Schwerionenforschung)

**Session Classification:** Front-End Session III

Contribution ID: 17

Type: **not specified**

## Status of the hit detection ASIC

*Monday, 29 April 2013 15:00 (30 minutes)*

**Session Classification:** Front-End Session III

Contribution ID: **18**

Type: **not specified**

## **A 32-ch, 14-bit dual-range, 80-MSPS ADC**

*Monday, 29 April 2013 15:45 (20 minutes)*

**Presenter:** Mr MARCINIEWSKI, Pawel (Uppsala University)

**Session Classification:** DAQ/Trigger Session I



Contribution ID: 19

Type: **not specified**

## **UDP Implementation in the Juelich readout system**

*Monday, 29 April 2013 16:05 (20 minutes)*

**Presenter:** Mr GOERRES, André (FZ Jülich)

**Session Classification:** DAQ/Trigger Session I

Contribution ID: 20

Type: **not specified**

# Approach to pile-up resolution in the Forward Shashlik Calorimeter

*Monday, 29 April 2013 16:25 (20 minutes)*

**Presenter:** Mr RYZHIKOV, Sergey (postgrad)

**Session Classification:** DAQ/Trigger Session I

Contribution ID: 21

Type: **not specified**

## Updates on the compute node

*Tuesday, 30 April 2013 09:00 (30 minutes)*

**Presenter:** WAGNER, Milan (Univ. Giessen)

**Session Classification:** DAQ/Trigger Session II

Contribution ID: 22

Type: **not specified**

## **SODANET: protocol specification and source development status**

*Tuesday, 30 April 2013 09:30 (30 minutes)*

**Presenters:** KAVATSYUK, Myroslav (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)); Dr KAVATSYUK, Myroslav (KVI, University of Groningen)

**Session Classification:** DAQ/Trigger Session II

Contribution ID: 23

Type: **not specified**

## **Networking Options for PANDA: Ethernet vs. Infiniband**

*Tuesday, 30 April 2013 10:00 (20 minutes)*

**Presenter:** TRAXLER, Michael (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

**Session Classification:** DAQ/Trigger Session II

Contribution ID: 24

Type: **not specified**

## **SODAnet on Kintex7**

*Tuesday, 30 April 2013 10:20 (20 minutes)*

**Presenter:** DROCHNER, matthias (fzj)

**Session Classification:** DAQ/Trigger Session II