

# **1st TCT Workshop**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Introduction

Contribution ID: 1

Type: **not specified**

## Dinner at Mamma Mia

*Monday 5 October 2015 19:30 (2 hours)*

Barnerstraße 42, 22765 Hamburg

Contribution ID: 2

Type: **not specified**

## **Introduction to TCT and edge-TCT workshop**

*Monday 5 October 2015 13:35 (15 minutes)*

**Presenters:** KUEHN, Susanne (University of Freiburg); KUEHN, Susanne (Univ. Freiburg)

**Session Classification:** Introduction to setup and preparation of measurements

Contribution ID: 3

Type: **not specified**

## Hardware description: Particulars system

*Monday 5 October 2015 13:50 (20 minutes)*

Setup components, general hardware description, laser monitoring

**Presenters:** KRAMBERGER, Gregor (Jozef Stefan Institute); ZAVRTANIK, Marko (Jozef Stefan Institute)

**Session Classification:** Introduction to setup and preparation of measurements

Contribution ID: 4

Type: **not specified**

## **PCBs and mounts for different sensors: diode, strip sensors, CMOS**

*Monday 5 October 2015 14:30 (10 minutes)*

**Presenter:** Dr JANSEN, Hendrik (DESY)

**Session Classification:** Introduction to setup and preparation of measurements

Contribution ID: 5

Type: **not specified**

## Discussion and Questions

Contribution ID: 6

Type: **not specified**

## **Cabling, DAQ and software operation of particulars system**

*Monday 5 October 2015 16:00 (1 hour)*

**Session Classification:** Lab session: DAQ&focus for preparation of scans and sensor preparation



Contribution ID: 7

Type: **not specified**

## Sensor preparation

*Monday 5 October 2015 17:00 (1 hour)*

**Session Classification:** Lab session: DAQ&focus for preparation of scans and sensor preparation

Contribution ID: 8

Type: **not specified**

## Theoretical background for measurements

*Tuesday 6 October 2015 09:00 (20 minutes)*

**Presenters:** KRAMBERGER, Gregor (Jozef Stefan Institute); ZAVRTANIK, Marko (Jozef Stefan Institute)

**Session Classification:** Theoretical background of measurements and analysis software

Contribution ID: 9

Type: **not specified**

## Discussion and Questions

*Tuesday 6 October 2015 09:20 (10 minutes)*

**Session Classification:** Theoretical background of measurements and analysis software

Contribution ID: **10**

Type: **not specified**

## Common code

*Tuesday 6 October 2015 10:25 (20 minutes)*

**Presenter:** Dr JANSEN, Hendrik (DESY)

**Session Classification:** Theoretical background of measurements and analysis software

Contribution ID: **11**

Type: **not specified**

## **Measurement of edge pulse**

Contribution ID: 12

Type: **not specified**

## **Readout board: DRS, Oscilloscope**

Contribution ID: 13

Type: **not specified**

## **Temperature stability: PID controller**

Contribution ID: 14

Type: **not specified**

## Measurement of edge pulse

*Tuesday 6 October 2015 11:00 (30 minutes)*

**Session Classification:** Lab session: Readout boards and temperature control



Contribution ID: 15

Type: **not specified**

## Readout board: DRS, Oscilloscope

*Tuesday 6 October 2015 11:30 (30 minutes)*

**Session Classification:** Lab session: Readout boards and temperature control

Contribution ID: **16**

Type: **not specified**

## **Temperature control and stability: PID controller**

*Tuesday 6 October 2015 12:00 (30 minutes)*

**Session Classification:** Lab session: Readout boards and temperature control

Contribution ID: 17

Type: **not specified**

## **Do's and Don'ts**

*Tuesday 6 October 2015 14:00 (20 minutes)*

**Presenter:** Mr WONSAK, Sven (University of Liverpool)

**Session Classification:** Discussion

Contribution ID: **18**

Type: **not specified**

## Discussion & Questions

*Tuesday 6 October 2015 14:20 (20 minutes)*

Discussion on common code, what's missing, etc.

**Session Classification:** Discussion

Contribution ID: **19**

Type: **not specified**

## Hardware description: CERN system

*Monday 5 October 2015 14:10 (20 minutes)*

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

**Session Classification:** Introduction to setup and preparation of measurements

Contribution ID: **20**

Type: **not specified**

## Discussion on setups

*Monday 5 October 2015 14:40 (15 minutes)*

**Session Classification:** Introduction to setup and preparation of measurements

Contribution ID: 21

Type: **not specified**

## **Sensor preparation for edge, backside illumination**

*Monday 5 October 2015 14:55 (10 minutes)*

**Presenter:** WONSAK, Sven (University of Liverpool)

**Session Classification:** Introduction to setup and preparation of measurements

Contribution ID: 22

Type: **not specified**

## **DAQ + Software operation for particulars**

*Monday 5 October 2015 15:05 (15 minutes)*

**Presenter:** KRAMBERGER, Gregor (Jozef Stefan Institute)

**Session Classification:** Introduction to setup and preparation of measurements



Contribution ID: 23

Type: **not specified**

## Introduction to finding of focus

*Monday 5 October 2015 15:20 (10 minutes)*

**Presenters:** KRAMBERGER, Gregor (Jozef Stefan Institute); Dr JANSEN, Hendrik (DESY)

**Session Classification:** Introduction to setup and preparation of measurements

Contribution ID: 24

Type: **not specified**

## Welcome

*Monday 5 October 2015 13:30 (5 minutes)*

**Presenter:** Dr JANSEN, Hendrik (DESY)

**Session Classification:** Welcome

Contribution ID: 25

Type: **not specified**

## Simulation from Torino

*Tuesday 6 October 2015 09:30 (20 minutes)*

**Presenter:** CARTIGLIA, Nicolo (University of Turin and INFN)

**Session Classification:** Theoretical background of measurements and analysis software

Contribution ID: 26

Type: **not specified**

## Simulation from Ljubljana

*Tuesday 6 October 2015 09:50 (20 minutes)*

**Presenters:** KRAMBERGER, Gregor (Jozef Stefan Institute); ZAVRTANIK, Marko (Jozef Stefan Institute)

**Session Classification:** Theoretical background of measurements and analysis software

Contribution ID: 27

Type: **not specified**

## Discussion on common code development

*Tuesday 6 October 2015 14:40 (20 minutes)*

**Presenter:** Dr JANSEN, Hendrik (DESY)

**Session Classification:** Discussion

Contribution ID: 28

Type: **not specified**

## **Laser monitoring**

**Presenter:** KRAMBERGER, Gregor (Jozef Stefan Institute)

Contribution ID: 29

Type: **not specified**

## Simulation with TRACS

*Tuesday 6 October 2015 10:10 (15 minutes)*

**Presenter:** FERNANDES GARCIA, Marcos

**Session Classification:** Theoretical background of measurements and analysis software