

**POSIPOL 2013**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Electron Source

Contribution ID: 2

Type: **not specified**

# Welcome

*Wednesday, 4 September 2013 09:00 (20 minutes)*

**Presenter:** GAI, Wei (ANL HEP)

**Session Classification:** Welcome and introduction

Contribution ID: 4

Type: **not specified**

## CLIC Status Update

*Wednesday, 4 September 2013 09:50 (20 minutes)*

**Presenter:** Dr DOEBERT, Steffen (CERN)

**Session Classification:** Physics and Projects Status

Contribution ID: 5

Type: **not specified**

## **Status Update on Target Material Test at DESY**

*Wednesday, 4 September 2013 10:10 (30 minutes)*

**Presenter:** RIEMANN, Sabine (DESY-Zeuthen)

**Session Classification:** Physics and Projects Status

Contribution ID: 7

Type: **not specified**

## **Polarized Beam Physics**

*Wednesday, 4 September 2013 09:20 (30 minutes)*

(via ReadyTalk)

**Presenter:** Dr MOORTGAT-PICK, Gudrid (DESY)

**Session Classification:** Physics and Projects Status

Contribution ID: 8

Type: **not specified**

## **High QE and High Polarization Photocathode**

*Wednesday, 4 September 2013 11:00 (30 minutes)*

**Presenter:** YAMAMOTO, Naoto (Nagoya University)

**Session Classification:** Electron Source

Contribution ID: 9

Type: **not specified**

## **High Brightness Beam Generation with a Photo-Cathode 500kV DC Gun**

*Wednesday, 4 September 2013 11:30 (30 minutes)*

**Presenter:** KURIKI, Masao (Hirshima University)

**Session Classification:** Electron Source



Contribution ID: **10**

Type: **not specified**

## **Collimation of Gammas in Polarized Positron Sources**

**Presenter:** BULYAK, Eugene (KIPT)

Contribution ID: 11

Type: **not specified**

## **Collimation of Gammas in Polarized Positron Sources**

*Wednesday, 4 September 2013 14:00 (20 minutes)*

(via ReadyTalk)

**Presenter:** Dr BULYAK, Eugene (KIPT)

**Session Classification:** Undulator Based Polarized Positron Source R&D

Contribution ID: 12

Type: **not specified**

## **Investigations of the Undulator Spectrum with HUSR/GSR**

*Wednesday, 4 September 2013 14:20 (30 minutes)*

**Presenter:** ALRASHDI, Ayash (Lancaster University)

**Session Classification:** Undulator Based Polarized Positron Source R&D

Contribution ID: 13

Type: **not specified**

## Superconducting Undulator Status

*Wednesday, 4 September 2013 14:50 (30 minutes)*

**Presenter:** IVANYUSHENKOV, Yury (ANL)

**Session Classification:** Undulator Based Polarized Positron Source R&D

Contribution ID: 14

Type: **not specified**

## Photon Collimator Design and Study

*Wednesday, 4 September 2013 15:20 (30 minutes)*

**Presenter:** STAUFENBIEL, Friedrich (DESY Zeuthen)

**Session Classification:** Undulator Based Polarized Positron Source R&D

Contribution ID: 15

Type: **not specified**

## **300 Hz Scheme e+ Source target Experiment and Status**

*Wednesday, 4 September 2013 16:10 (40 minutes)*

**Presenter:** OMORI, Tsunehiko (KEK)

**Session Classification:** 300Hz Conventional Scheme

Contribution ID: 16

Type: **not specified**

## **Geant4 Simulations of Conventional Positron Source**

*Wednesday, 4 September 2013 16:50 (30 minutes)*

**Presenter:** USHAKOV, Andriy (DESY)

**Session Classification:** 300Hz Conventional Scheme

Contribution ID: 17

Type: **not specified**

## **300 Hz Linac hardware Update**

*Wednesday, 4 September 2013 17:20 (30 minutes)*

**Presenter:** Prof. URAKAWA, Junji (KEK)

**Session Classification:** 300Hz Conventional Scheme



Contribution ID: **18**

Type: **not specified**

## **SuperKEKB Positron Source**

*Wednesday, 4 September 2013 17:50 (20 minutes)*

(via ReadyTalk)

**Presenter:** KAMITANI, Takuya (KEK)

Contribution ID: 19

Type: **not specified**

## **300 Hz Scheme Booster Linac**

*Thursday, 5 September 2013 09:00 (30 minutes)*

**Presenter:** YOKOYA, Kaoru (KEK)

**Session Classification:** 300 Hz Conventional Scheme

Contribution ID: 20

Type: **not specified**

## **Numerical Study of 300 Hz Scheme Positron Source Target**

*Thursday, 5 September 2013 09:30 (30 minutes)*

**Presenter:** STAUFENBIEL, Friedrich (DESY Zeuthen)

**Session Classification:** 300 Hz Conventional Scheme

Contribution ID: 21

Type: **not specified**

## On the Thermal Shock Phenomena

*Thursday, 5 September 2013 10:00 (25 minutes)*

**Presenter:** SIEVERS, Peter (CERN)

**Session Classification:** 300 Hz Conventional Scheme

Contribution ID: 22

Type: **not specified**

## **The New QB Program**

*Friday, 6 September 2013 09:00 (30 minutes)*

**Presenter:** Prof. URAKAWA, Junji (KEK)

**Session Classification:** Compton Scattering Based Source

Contribution ID: 23

Type: **not specified**

## ATF Compton Cavity Update

*Friday, 6 September 2013 09:30 (30 minutes)*

**Presenter:** Dr TAKAHASHI, Tohru (Hiroshima University)

**Session Classification:** Compton Scattering Based Source

Contribution ID: 24

Type: **not specified**

## **High Finesse optical Cavity and Astigmatism Free Four-Mirror Cavity Design**

*Friday, 6 September 2013 10:00 (30 minutes)*

**Presenter:** DUPRAZ, Kevin (Linear Accelerator Laboratory)

**Session Classification:** Compton Scattering Based Source

Contribution ID: 25

Type: **not specified**

## Update on Prototyping ILC Positron Source Target

*Thursday, 5 September 2013 10:45 (20 minutes)*

**Presenter:** GRONBERG, Jeffrey (LLNL)

**Session Classification:** Conversion Target



Contribution ID: 26

Type: **not specified**

## **Engineering Consideration on Moving Targets**

*Thursday, 5 September 2013 11:05 (40 minutes)*

**Presenter:** SIEVERS, Peter (CERN)

**Session Classification:** Conversion Target

Contribution ID: 27

Type: **not specified**

## **Liquid Metal Targets with Possible Application for Positron Production**

*Friday, 6 September 2013 10:50 (30 minutes)*

**Presenter:** Dr NOLEN, Jerry (Argonne National Laboratory)

**Session Classification:** Conversion Target

Contribution ID: 28

Type: **not specified**

## Discussion

*Friday, 6 September 2013 11:20 (40 minutes)*

Contribution ID: 29

Type: **not specified**

## Discussion

*Friday, 6 September 2013 14:00 (1h 30m)*

Contribution ID: **30**

Type: **not specified**

## **Discussion**

*Thursday, 5 September 2013 11:45 (30 minutes)*

**Session Classification:** Conversion Target

Contribution ID: **31**

Type: **not specified**

## **Recorded Target Presentation**

*Thursday, 5 September 2013 12:15 (20 minutes)*

**Session Classification:** Conversion Target