

**POSIPOL 2011**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome and introduction

Contribution ID: 1

Type: **not specified**

## Welcome and introduction

*Sunday, 28 August 2011 09:00 (20 minutes)*

**Session Classification:** Welcome and Overview

Contribution ID: 2

Type: **not specified**

## **Physics applications of polarized positrons**

*Sunday, 28 August 2011 09:20 (30 minutes)*

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

**Session Classification:** Welcome and Overview

Contribution ID: 3

Type: **not specified**

## **TeV physics with polarized linear collider**

*Sunday, 28 August 2011 09:50 (30 minutes)*

**Presenter:** HE, H.J.

**Session Classification:** Welcome and Overview

Contribution ID: 4

Type: **not specified**

## **Group Photo and Coffee break**

*Sunday, 28 August 2011 10:20 (20 minutes)*

**Session Classification:** Welcome and Overview

Contribution ID: 5

Type: **not specified**

## **Other future colliders (SuperB)**

*Sunday, 28 August 2011 10:40 (30 minutes)*

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

**Session Classification:** Welcome and Overview

Contribution ID: 6

Type: **not specified**

## **A general talk giving the ILC e+ status**

*Sunday, 28 August 2011 11:10 (30 minutes)*

**Presenter:** Dr GAI, Wei (Argonne)

**Session Classification:** Welcome and Overview



Contribution ID: 7

Type: **not specified**

## **A general talk giving the CLIC e+ status**

*Sunday, 28 August 2011 11:40 (30 minutes)*

**Presenter:** RINOLFI, Louis (CERN)

**Session Classification:** Welcome and Overview

Contribution ID: 8

Type: **not specified**

## **Polarized electron sources**

*Sunday, 28 August 2011 14:00 (30 minutes)*

**Presenter:** Dr SHEPPARD, John (SLAC)

**Session Classification:** Afternoon

Contribution ID: 9

Type: **not specified**

## **Compton e+ source overview (Ring+ERL+Linac(\*))**

*Sunday, 28 August 2011 14:30 (30 minutes)*

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

**Session Classification:** Afternoon

Contribution ID: 10

Type: **not specified**

## **Polarized positrons for the ILC - Update on simulations**

*Sunday, 28 August 2011 15:00 (30 minutes)*

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

**Session Classification:** Afternoon

Contribution ID: 11

Type: **not specified**

## **Spin tracking at the ILC positron source**

*Sunday, 28 August 2011 15:30 (30 minutes)*

**Presenter:** KOVALENKO, Valentyn (Uni Hamburg)

**Session Classification:** Afternoon

Contribution ID: 12

Type: **not specified**

## **Development of the 4-Mirror Compton cavity**

*Sunday, 28 August 2011 16:20 (30 minutes)*

**Presenter:** AKAGI, Tomoya

**Session Classification:** Afternoon

Contribution ID: 13

Type: **not specified**

## **Multi-bunch gamma-ray generation by Compton cavity**

*Sunday, 28 August 2011 16:50 (30 minutes)*

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

**Session Classification:** Afternoon

Contribution ID: 14

Type: **not specified**

## **High flux polarized positron production: status of the LAL 4 mirrors cavity at the ATF**

*Sunday, 28 August 2011 17:20 (30 minutes)*

**Presenter:** Dr DELERUE, Nicolas (LAL)

**Session Classification:** Afternoon



Contribution ID: 15

Type: **not specified**

## **On granular targets for positron source**

*Tuesday, 30 August 2011 09:00 (30 minutes)*

**Presenter:** SIEVERS, Peter

**Session Classification:** Target session

Contribution ID: 16

Type: **not specified**

## **Conversion targets for Compton gamma sources (by webex)**

*Tuesday, 30 August 2011 09:30 (30 minutes)*

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

**Session Classification:** Target session

Contribution ID: 17

Type: **not specified**

## **Hydrodynamical models of shock waves in target material**

*Tuesday, 30 August 2011 10:00 (30 minutes)*

**Presenter:** ADEYEMI, Olufemi (Uni Hamburg)

**Session Classification:** Target session

Contribution ID: 18

Type: **not specified**

## **Heat load and stress studies for target and collimator materials**

*Tuesday, 30 August 2011 10:50 (30 minutes)*

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

**Session Classification:** Target session

Contribution ID: 19

Type: **not specified**

## **Polarimetry at the e+ source**

*Tuesday, 30 August 2011 11:20 (30 minutes)*

**Presenter:** Dr SCHULER, Peter (DESY)

**Session Classification:** Target session

Contribution ID: 20

Type: **not specified**

## **Polarization phenomena in a multiple Compton backscattering process.**

*Tuesday, 30 August 2011 11:50 (20 minutes)*

**Presenter:** Prof. POTYLITSYN, Alexander (Tomsk Polutechnic University)

**Session Classification:** Target session

Contribution ID: 21

Type: **not specified**

## **The hard x-ray source based on inverse compton scattering**

*Tuesday, 30 August 2011 14:00 (30 minutes)*

**Presenter:** HUANG, W.H.

**Session Classification:** Compton Sources

Contribution ID: 22

Type: **not specified**

## The positron capture section

*Tuesday, 30 August 2011 14:30 (30 minutes)*

**Presenter:** Dr POIRIER, Freddy (DESY)

**Session Classification:** Compton Sources



Contribution ID: 23

Type: **not specified**

## **ThomX, a Compton X-ray source project in Orsay**

*Tuesday, 30 August 2011 15:00 (30 minutes)*

**Presenter:** Dr DELERUE, Nicolas (LAL)

**Session Classification:** Compton Sources

Contribution ID: 24

Type: **not specified**

## Workshop summary

*Tuesday, 30 August 2011 15:50 (40 minutes)*

**Session Classification:** Compton Sources

Contribution ID: 25

Type: **not specified**

## **High energy gamma production: analysis of LAL 4 mirrors cavity data**

*Monday, 29 August 2011 09:00 (30 minutes)*

**Presenter:** Ms CHAIKOVSKA, Iryna (LAL)

**Session Classification:** Monday Morning

Contribution ID: 26

Type: **not specified**

## **Design and prototyping of the ILC baseline target system**

*Monday, 29 August 2011 09:30 (30 minutes)*

**Presenter:** Dr GRONBERG, Jeff (LLNL)

**Session Classification:** Monday Morning

Contribution ID: 27

Type: **not specified**

## **Truly Conventional e+ source for ILC**

*Monday, 29 August 2011 10:00 (30 minutes)*

**Presenter:** Dr OMORI, tsunehiko (KEK)

**Session Classification:** Monday Morning

Contribution ID: 28

Type: **not specified**

## **Polarized positron production in amorphous targets**

*Monday, 29 August 2011 10:50 (40 minutes)*

**Presenter:** STRAKHOVENKO, Vladimir

**Session Classification:** Monday Morning

Contribution ID: 29

Type: **not specified**

## **Compton ring with laser radiative cooling (webex)**

*Monday, 29 August 2011 11:30 (30 minutes)*

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

**Session Classification:** Monday Morning

Contribution ID: **30**

Type: **not specified**

## **Beijing Capital Museum**

*Monday, 29 August 2011 14:00 (3 hours)*

**Session Classification:** Social activity: Visit Beijing Capital Museum



Contribution ID: 31

Type: **not specified**

## **Banquet Place: 798 Art Zone**

*Monday, 29 August 2011 18:00 (2 hours)*

**Session Classification:** Banquet Place: 798 Art Zone