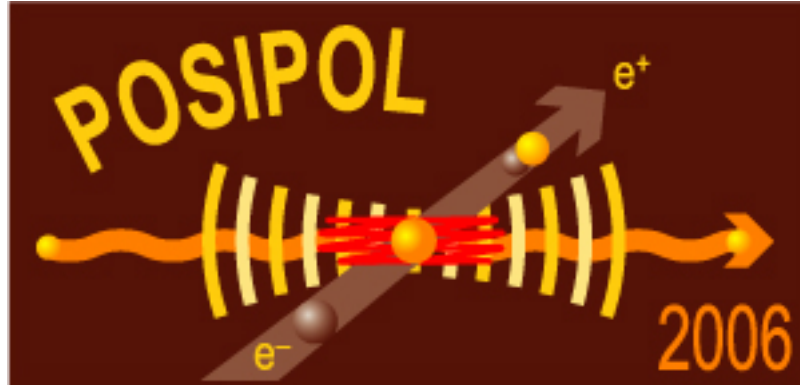


POSIPOL 2006



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Wednesday, 26 April 2006 09:00 (10 minutes)

Presenter: AYMAR, Robert (CERN)

Session Classification: Overview Session - 1

Contribution ID: 1

Type: **not specified**

Scope of the Workshop

Wednesday, 26 April 2006 09:10 (20 minutes)

Presenter: RINOLFI, Louis (CERN)

Session Classification: Overview Session - 1

Track Classification: Overview & Status Reports (A & B)

Contribution ID: 2

Type: **not specified**

The Physics aspects

Wednesday, 26 April 2006 09:30 (30 minutes)

Presenter: Dr MOORTGAT-PICK, Gudrid (CERN)

Session Classification: Overview Session - 1

Track Classification: Overview & Status Reports (A & B)

Contribution ID: 3

Type: **not specified**

Polarized e+ source for ILC based on Compton scheme

Wednesday, 26 April 2006 10:00 (30 minutes)

Presenter: Prof. URAKAWA, Junji (KEK)

Session Classification: Overview Session - 1

Track Classification: Overview & Status Reports (A & B)

Contribution ID: 5

Type: **not specified**

Estimation on the maximal yield and polarization of gamma sources

Thursday, 27 April 2006 08:30 (30 minutes)

Eugene Bulyak Karkow Inst.

Presenter: Dr BULYAK, Eugene (NSC KIPT)

Session Classification: Comparison with undulator scheme Session

Track Classification: Comparison with undulator scheme (A & B)

Contribution ID: 6

Type: **not specified**

The ILC undulator baseline

Wednesday, 26 April 2006 11:00 (30 minutes)

Presenter: Dr SHEPPARD, John (SLAC)

Session Classification: Overview Session - 2

Track Classification: Overview & Status Reports (A & B)

Contribution ID: 7

Type: **not specified**

The CLIC scheme

Wednesday, 26 April 2006 11:30 (30 minutes)

Presenter: Dr ZIMMERMANN, Frank (CERN)

Session Classification: Overview Session - 2

Track Classification: Overview & Status Reports (A & B)

Contribution ID: 8

Type: **not specified**

Discussion

Wednesday, 26 April 2006 12:00 (30 minutes)

Session Classification: Overview Session - 2

Contribution ID: 9

Type: **not specified**

Focusing lattices for the Compton gamma rings

Wednesday, 26 April 2006 13:30 (30 minutes)

Presenter: Dr GLADKIKH, Peter (NSC KIPT)

Session Classification: Compton ring Session

Track Classification: Compton ring

Contribution ID: 10

Type: **not specified**

Polarized e+ source for ILC based on Compton backscattering of high intensity of electron and CO₂ laser beams

Wednesday, 26 April 2006 14:00 (30 minutes)

Presenter: Dr YAKIMENKO, Vitaly (BNL)

Session Classification: Compton ring Session

Track Classification: Compton ring

Contribution ID: 12

Type: **not specified**

Review CO2 laser system for ILC polarized gamma source based on intra-cavity Compton backscattering

Wednesday, 26 April 2006 16:00 (30 minutes)

Presenter: Dr POGORELSKY, Igor (BNL)

Session Classification: Laser systems Session

Track Classification: Laser systems

Contribution ID: 13

Type: **not specified**

High average power short-pulse lasers

Wednesday, 26 April 2006 16:30 (30 minutes)

Presenter: Dr STUART, Brent (Lawrence Livermore Nat. Lab.)

Session Classification: Laser systems Session

Track Classification: Laser systems

Contribution ID: 14

Type: **not specified**

Discussion

Wednesday, 26 April 2006 18:00 (1 hour)

Session Classification: Laser systems Session

Contribution ID: 15

Type: **not specified**

E-166 results

Thursday, 27 April 2006 09:00 (30 minutes)

Presenter: Dr SCHAELOCKE, Andreas (DESY Zeuthen)

Session Classification: Comparison with undulator scheme Session

Track Classification: Comparison with undulator scheme (A & B)

Contribution ID: 16

Type: **not specified**

Polarized e+ generation at KEK-ATF

Thursday, 27 April 2006 09:30 (30 minutes)

Presenter: OMORI, Tsunehiko (KEK)

Session Classification: Comparison with undulator scheme Session

Track Classification: Comparison with undulator scheme (A & B)

Contribution ID: 18

Type: **not specified**

Radiation from electrons passing through a helical undulator or colliding with a circularly polarized laser wave

Thursday, 27 April 2006 11:00 (30 minutes)

Presenter: Prof. STRAKHOVENKO, Vladimir (INP)

Session Classification: Comparison with undulator scheme Session (continued)

Track Classification: Comparison with undulator scheme (A & B)

Contribution ID: **19**

Type: **not specified**

Workshop Photograph

Thursday, 27 April 2006 13:20 (25 minutes)

Contribution ID: 20

Type: **not specified**

Capture of e^+ in a adiabatic matching system

Friday, 28 April 2006 08:30 (30 minutes)

Presenter: Dr CHEHAB, Robert (IN2P3/CNRS Lyon)

Session Classification: Positron Capture Session

Track Classification: Positron Capture

Contribution ID: 21

Type: **not specified**

System considerations for ILC positron source

Friday, 28 April 2006 09:30 (30 minutes)

Presenter: Dr KURIKI, Masao (KEK)

Session Classification: Positron Capture Session

Track Classification: Positron Capture

Contribution ID: 22

Type: **not specified**

Non planar astigmatic optical resonator for polarised e+ production

Friday, 28 April 2006 11:00 (30 minutes)

Presenter: Dr ZOMER, Fabian (Université Paris-11/LAL-CNRS-IN2P3)

Session Classification: Equipments and diagnostics Session

Track Classification: Equipments and diagnostics

Contribution ID: 23

Type: **not specified**

Beam polarimetry

Friday, 28 April 2006 11:30 (30 minutes)

Presenter: SCHUELER, Peter (DESY, Hamburg)

Session Classification: Equipments and diagnostics Session

Track Classification: Equipments and diagnostics

Contribution ID: 24

Type: **not specified**

Discussion

Friday, 28 April 2006 12:00 (30 minutes)

Session Classification: Equipments and diagnostics Session

Contribution ID: 25

Type: **not specified**

Status of the LAL high finesse cavity R&D

Friday, 28 April 2006 13:30 (30 minutes)

Presenter: Mr SOSKOV, Viktor (CNRS, IN2P3, Laboratoire de l'Accélérateur Linéaire)

Session Classification: R&D plans Session

Track Classification: R&D plans

Contribution ID: 26

Type: **not specified**

R&D status of optical cavity for ILC polarized e+

Friday, 28 April 2006 14:00 (30 minutes)

Presenter: Dr SATO, Hiroki (Hiroshima Univ.)

Session Classification: R&D plans Session

Track Classification: R&D plans

Contribution ID: 27

Type: **not specified**

Discussion of issues raised during the workshop that need further R & D, ideas for who might carry out such R & D.

Friday, 28 April 2006 16:00 (1h 30m)

Presenter: RINOLFI, Louis (CERN)

Session Classification: Summary Session

Contribution ID: 28

Type: **not specified**

Discussion

Thursday, 27 April 2006 10:00 (30 minutes)

Session Classification: Comparison with undulator scheme Session

Contribution ID: 29

Type: **not specified**

Discussion

Friday, 28 April 2006 10:00 (30 minutes)

Session Classification: Positron Capture Session

Contribution ID: 30

Type: **not specified**

Experimental plan of X-ray generation using optical cavity for pulsed laser stacking

Friday, 28 April 2006 14:30 (30 minutes)

Presenter: Mr SAKAUE, Kazuyuki (Waseda Univ.)

Session Classification: R&D plans Session

Track Classification: R&D plans

Contribution ID: 31

Type: **not specified**

Lattice design for the Compton ring

Wednesday, 26 April 2006 14:30 (30 minutes)

Presenter: Dr GUIDUCCI, Susanna (INFN)

Session Classification: Compton ring Session

Track Classification: Compton ring

Contribution ID: 32

Type: **not specified**

Compton parameters optimisation

Wednesday, 26 April 2006 15:00 (30 minutes)

Presenter: Dr VARIOLA, Alessandro (LAL)

Session Classification: Compton ring Session

Track Classification: Compton ring

Contribution ID: 33

Type: **not specified**

The ILC laser-wire system

Wednesday, 26 April 2006 17:00 (20 minutes)

Presenter: Prof. DIXIT, Sudhir (University of Oxford - John Adams Institute)

Session Classification: Laser systems Session

Track Classification: Laser systems

Contribution ID: 34

Type: **not specified**

High power fiber laser

Wednesday, 26 April 2006 17:20 (20 minutes)

Presenter: Mr ZAOUTER, Yoann (Amplitude Systemes)

Session Classification: Laser systems Session

Track Classification: Laser systems

Contribution ID: 35

Type: **not specified**

Discussion

Thursday, 27 April 2006 12:00 (30 minutes)

Session Classification: Comparison with undulator scheme Session (continued)

Contribution ID: 36

Type: **not specified**

EuroTeV development of a photon conversion target

Thursday, 27 April 2006 17:00 (30 minutes)

Presenter: BAILEY, Ian (Cockcroft Inst.)

Session Classification: Positron production (Targets) Session

Track Classification: Positron production - Targets

Contribution ID: 37

Type: **not specified**

Generation of polarized positrons in a target: photoproduction and related phenomena

Thursday, 27 April 2006 17:30 (30 minutes)

Presenter: Prof. STRAKHOVENKO, Vladimir (INP)

Session Classification: Positron production (Targets) Session

Track Classification: Positron production - Targets

Contribution ID: **38**

Type: **not specified**

Discussion

Thursday, 27 April 2006 18:00 (1 hour)

Session Classification: Positron production (Targets) Session

Contribution ID: **39**

Type: **not specified**

Discussion

Friday, 28 April 2006 15:00 (30 minutes)

Session Classification: R&D plans Session

Contribution ID: 40

Type: **not specified**

Average power of Ultra fast DPSS lasers

Wednesday, 26 April 2006 17:40 (20 minutes)

Presenter: Dr RUCHTI, Thomas (Time-Bandwidth Products AG)

Session Classification: Laser systems Session

Track Classification: Laser systems

Contribution ID: 41

Type: **not specified**

Parameter studies of polarized e+ production and capturing

Friday, 28 April 2006 09:00 (30 minutes)

Presenter: Dr GAI, Wei (ANL)

Session Classification: Positron Capture Session

Track Classification: Positron Capture