

# LCWS 2012



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## **CLIC –Status, CDR, and costs (35'+5')**

*Monday, 22 October 2012 09:25 (40 minutes)*

**Presenter:** STAPNES, Steinar (CERN)

**Session Classification:** Opening Plenary

Contribution ID: 1

Type: **not specified**

## **ILC –Status, TDR and costs (35'+5')**

*Monday, 22 October 2012 08:45 (40 minutes)*

**Presenter:** BARISH, Barry (GDE)

**Session Classification:** Opening Plenary

Contribution ID: 2

Type: **not specified**

## **Future Organisation –plans and status (20'+5')**

*Monday, 22 October 2012 10:05 (25 minutes)*

**Presenter:** EVANS, Lyn (CERN)

**Session Classification:** Opening Plenary

Contribution ID: 3

Type: **not specified**

## ATF status & plans

*Monday, 22 October 2012 16:00 (30 minutes)*

**Presenter:** BAMBADE, Philip (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL))

**Session Classification:** Accelerator Plenary

Contribution ID: 4

Type: **not specified**

## CTF3 results

*Monday, 22 October 2012 16:30 (30 minutes)*

**Presenter:** CORSINI, Roberto (CERN)

**Session Classification:** Accelerator Plenary

Contribution ID: 5

Type: **not specified**

## CLIC staging scenarios

*Monday, 22 October 2012 17:00 (30 minutes)*

**Presenter:** SCHULTE, Daniel (CERN)

**Session Classification:** Accelerator Plenary

Contribution ID: 6

Type: **not specified**

## **SRF technical status & future R&D**

*Monday, 22 October 2012 17:30 (30 minutes)*

**Presenter:** Dr GENG, Rongli (Jefferson Lab)

**Session Classification:** Accelerator Plenary



Contribution ID: 7

Type: **not specified**

## **LCWS12 Machine program & workshop goals**

*Monday, 22 October 2012 18:00 (30 minutes)*

**Presenter:** Dr ROSS, Marc (SLAC)

**Session Classification:** Accelerator Plenary

Contribution ID: 8

Type: **not specified**

## Emittance Preservation

**Presenters:** SCHULTE, Daniel (CERN); Dr KUBO, Kiyoshi (KEK)

Contribution ID: 9

Type: **not specified**

## Power consumption

**Presenters:** ADOLPHSEN, Chris (SLAC); LEBRUN, Philippe (CERN)

Contribution ID: **10**

Type: **not specified**

## System tests

**Presenters:** HAYANO, Hitoshi (KEK); CORSINI, Roberto

Contribution ID: **11**

Type: **not specified**

## **Project Cost & Schedule Basis**

**Presenters:** DUGAN, Gerald (Cornell University); LEBRUN, Philippe (CERN)

Contribution ID: 12

Type: **not specified**

## **Recent Advances in LC Detector R&D (25'+5')**

*Monday, 22 October 2012 11:00 (30 minutes)*

**Presenter:** LINSSEN, Lucie (CERN)

**Session Classification:** Opening Plenary

Contribution ID: 13

Type: **not specified**

## **Where is the New Physics I? - Latest 'Other than Higgs' LHC Results (25'+5')**

*Monday, 22 October 2012 11:30 (30 minutes)***Presenter:** NARAIN, Meenakshi (Brown University (US))**Session Classification:** Opening Plenary

Contribution ID: 14

Type: **not specified**

## **Where is the New Physics II?- Review of latest non-LHC results (dark matter, rare decay, other experiments) (25'+5')**

*Monday, 22 October 2012 12:00 (30 minutes)***Presenter:** GARCIA CERDENO, David**Session Classification:** Opening Plenary



Contribution ID: 15

Type: **not specified**

## **European Strategy for the Future of High Energy Physics (20'+10')**

*Monday, 22 October 2012 14:30 (30 minutes)*

**Presenter:** NAKADA, T. (EPFL, Lausanne)

**Session Classification:** Joint Plenary

Contribution ID: 16

Type: **not specified**

## **Japanese Roadmap for the Future of High Energy Physics (20'+10')**

*Monday, 22 October 2012 14:00 (30 minutes)*

**Presenter:** MORI, Toshinori

**Session Classification:** Joint Plenary

Contribution ID: 17

Type: **not specified**

## **US Plans for the Future of High Energy Physics (20'+10')**

*Monday, 22 October 2012 15:00 (30 minutes)*

**Presenter:** RAMOND, Pierre (University of Florida)

**Session Classification:** Joint Plenary

Contribution ID: **18**

Type: **not specified**

## **ILC Research Director's Report (25'+5')**

*Monday, 22 October 2012 16:00 (30 minutes)*

**Presenter:** YAMADA, Sakue (KEK)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: 19

Type: **not specified**

## Higgs at the LHC - now and future (25'+5')

*Wednesday, 24 October 2012 16:00 (30 minutes)***Presenter:** INCANDELA, Joseph (Univ. of California Santa Barbara (US))**Session Classification:** Joint Plenary

Contribution ID: 20

Type: **not specified**

## **Higgs Physics at the LC and Requirements (25'+5')**

*Wednesday, 24 October 2012 16:30 (30 minutes)*

**Presenter:** FUJII, Keisuke (IPNS, KEK)

**Session Classification:** Joint Plenary

Contribution ID: 21

Type: **not specified**

## **Review of Higgs Factory Accelerators (25'+5')**

*Wednesday, 24 October 2012 17:00 (30 minutes)*

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

**Session Classification:** Joint Plenary

Contribution ID: 22

Type: **not specified**

## **Public Lecture - Prof. Steven Weinberg: "The Standard Model, Higgs Boson, Who Cares?"**

*Wednesday, 24 October 2012 19:30 (2 hours)*



Contribution ID: 23

Type: **not specified**

# Welcome

*Monday, 22 October 2012 08:30 (15 minutes)*

**Presenters:** Prof. CASON, Carolyn (The University of Texas at Arlington - VP for Research); YU, Jaehoon (University of Texas at Arlington); Prof. JANSMA, Pamela (The University of Texas at Arlington - Dean of College of Science)

**Session Classification:** Opening Plenary

Contribution ID: 24

Type: **not specified**

## **ILD DBD (25'+5')**

*Monday, 22 October 2012 16:30 (30 minutes)*

**Presenter:** Dr SIMON, Frank (Max-Planck-Institut fuer Physik)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: 25

Type: **not specified**

## **SiD DBD (25'+5')**

*Monday, 22 October 2012 17:00 (30 minutes)*

**Presenter:** STANITZKI, Marcel (DESY)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: 26

Type: **not specified**

## Prospects for Evolution of the Linear Collider Physics Program from 240 GeV to 3 TeV (25'+5')

*Monday, 22 October 2012 17:30 (30 minutes)***Presenter:** WELLS, James**Session Classification:** Physics and Detectors Plenary

Contribution ID: 27

Type: **not specified**

## Higgs & EWSB

Contribution ID: 28

Type: **not specified**

## Emittance Preservation

Conveners:

Daniel Schulte (CERN)

Kaoru Yokoya (KEK)

Contribution ID: 29

Type: **not specified**

## Emittance Preservation

Conveners:

Daniel Schulte (CERN)

Kaoru Yokoya (KEK)

Contribution ID: **30**Type: **not specified**

## Power Consumption

Conveners:

Philippe LeBrun (CERN)

Chris Adolphsen (SLAC)



Contribution ID: **31**Type: **not specified**

## Power Consumption

Conveners:

Philippe LeBrun (CERN)

Chris Adolphsen (SLAC)

Contribution ID: **32**

Type: **not specified**

## System Tests

Conveners:

Roberto Corsini (CERN)

Hitoshi Hayano (KEK)

Contribution ID: 33

Type: **not specified**

## Project and Cost Schedule Basis

Conveners:

Gerry Dugan (Cornell)

Philippe LeBrun (CERN)

Contribution ID: 34

Type: **not specified**

## TDR Status Update

*Wednesday, 24 October 2012 08:30 (45 minutes)*

**Presenter:** Mr CARWARDINE, John (Argonne)

**Session Classification:** ILC Systems Groups - TDR Wrap-Up (SCRF Main Linac)

Contribution ID: 35

Type: **not specified**

## Primary Authors Meeting

*Wednesday, 24 October 2012 09:15 (1h 15m)*

**Session Classification:** ILC Systems Groups - TDR Wrap-Up (SCRF Main Linac)

Contribution ID: 36

Type: **not specified**

## Primary Authors Meetings

*Wednesday, 24 October 2012 11:00 (1h 30m)*

**Session Classification:** ILC Systems Groups - TDR Wrap-Up (SCRF Main Linac)

Contribution ID: 37

Type: **not specified**

## Primary Author Meetings

*Wednesday, 24 October 2012 14:00 (1h 30m)*

**Session Classification:** ILC Systems Groups - TDR Wrap-Up (SCRF Main Linac)

Contribution ID: **38**

Type: **not specified**

## Accelerator Summary

*Friday, 26 October 2012 11:30 (40 minutes)*

**Presenter:** EVANS, Lyn (CERN)

**Session Classification:** Closing Plenary



Contribution ID: 39

Type: **not specified**

## Physics and Detectors Summary

*Friday, 26 October 2012 11:00 (30 minutes)*

**Presenter:** BRAU, Jim (U. Oregon)

**Session Classification:** Closing Plenary

Contribution ID: 40

Type: **not specified**

## Natural Supersymmetry - theory

*Tuesday, 23 October 2012 16:00 (30 minutes)*

**Presenter:** MEADE, Patrick (Stony Brook University)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: 41

Type: **not specified**

## Natural Supersymmetry - experiment

*Tuesday, 23 October 2012 16:30 (30 minutes)*

**Presenter:** Dr LIST, Jenny (DESY)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: 42

Type: **not specified**

# The Higgs signal and its implications for Non-SUSY BSM

*Tuesday, 23 October 2012 17:00 (30 minutes)***Presenter:** TROTT, Michael Robert**Session Classification:** Physics and Detectors Plenary

Contribution ID: 43

Type: **not specified**

## Top and QCD at the Tevatron

*Tuesday, 23 October 2012 11:00 (30 minutes)*

**Presenter:** HATAKEYAMA, Kenichi (Baylor University)

**Session Classification:** Loops, Top & QCD

Contribution ID: 44

Type: **not specified**

## QCD corrections to top production at hadron colliders

*Tuesday, 23 October 2012 11:30 (30 minutes)*

**Presenter:** SCHULZE, Markus

**Session Classification:** Loops, Top & QCD

Contribution ID: 45

Type: **not specified**

# Top tagging and jet substructure at the LHC

*Tuesday, 23 October 2012 12:00 (30 minutes)***Presenter:** TAKEUCHI, Michihisa (Heidelberg)**Session Classification:** Loops, Top & QCD

Contribution ID: 46

Type: **not specified**

## Top and QCD at the LHC

*Tuesday, 23 October 2012 14:00 (30 minutes)*

**Presenter:** HUSTON, Joey (Michigan State University (US))

**Session Classification:** Loops, Top & QCD



Contribution ID: 47

Type: **not specified**

## NLO QCD matrix elements and parton showers in $e^+e^-$ to hadrons

*Tuesday, 23 October 2012 14:30 (30 minutes)***Presenter:** HOECHE, Stefan (SLAC)**Session Classification:** Loops, Top & QCD

Contribution ID: 48

Type: **not specified**

## **New method of including QCD NLO corrections to hard process in Monte Carlo shower**

*Tuesday, 23 October 2012 15:00 (30 minutes)***Presenter:** KUSINA, Aleksander (Institute of Nuclear Physics PAN)**Session Classification:** Loops, Top & QCD

Contribution ID: 49

Type: **not specified**

## Asymmetries at hadron colliders and the linear collider

*Thursday, 25 October 2012 08:30 (30 minutes)***Presenter:** VOS, Marcel (IFIC (UVEG/CSIC) Valencia)**Session Classification:** Loops, Top & QCD

Contribution ID: 50

Type: **not specified**

# Measurement of $t\bar{t}$ asymmetries with ILD at the ILC

*Thursday, 25 October 2012 09:00 (30 minutes)***Presenter:** ROUENE, Jeremy (LAL)**Session Classification:** Loops, Top & QCD

Contribution ID: 51

Type: **not specified**

## Top Physics at CLIC

*Thursday, 25 October 2012 09:30 (30 minutes)*

**Presenter:** Dr SIMON, Frank (Max-Planck-Institut fuer Physik)

**Session Classification:** Loops, Top & QCD

Contribution ID: 53

Type: **not specified**

## Event shape distributions in $e^+e^-$ annihilations and the determination of $\alpha_s$

*Thursday, 25 October 2012 11:00 (30 minutes)***Presenter:** MATEU BARREDA, Vicent**Session Classification:** Loops, Top & QCD

Contribution ID: 54

Type: **not specified**

## Heavy Quark Production at Higher Orders: Extrapolation from the massless result

*Thursday, 25 October 2012 11:30 (30 minutes)***Presenter:** OLNESS, Fred (Southern Methodist University (US))**Session Classification:** Loops, Top & QCD

Contribution ID: 55

Type: **not specified**

## Top effective operators at the ILC

*Thursday, 25 October 2012 12:00 (30 minutes)*

**Presenter:** CASTRO NUNES FIOLHAIS, Miguel (Universidade de Coimbra (PT))

**Session Classification:** Loops, Top & QCD



Contribution ID: 56

Type: **not specified**

## SFitter

*Wednesday, 24 October 2012 08:30 (20 minutes)*

**Presenter:** ZERWAS, Dirk (LAL Orsay)

**Session Classification:** Loops, Top & QCD

Contribution ID: 57

Type: **not specified**

## $t\bar{t}H$ production at the LHC

*Wednesday, 24 October 2012 08:50 (30 minutes)*

**Presenter:** JUSTE ROZAS, Aurelio (Universitat Autònoma de Barcelona (ES))

**Session Classification:** Loops, Top & QCD

Contribution ID: 58

Type: **not specified**

## Precision measurements of the Top Higgs Yukawa Coupling at 500 GeV and 1 TeV at the ILC

*Wednesday, 24 October 2012 09:20 (20 minutes)***Presenter:** Mr PRICE, Tony (University of Birmingham)**Session Classification:** Loops, Top & QCD

Contribution ID: 59

Type: **not specified**

## Measurement of the top Yukawa coupling at $\sqrt{s} = 1$ TeV using the SiD detector

*Wednesday, 24 October 2012 09:40 (20 minutes)***Presenter:** Dr ROLOFF, Philipp (CERN)**Session Classification:** Loops, Top & QCD

Contribution ID: **60**

Type: **not specified**

## **Higgs to tau tau study (ILD)**

*Wednesday, 24 October 2012 10:00 (20 minutes)*

**Presenter:** KAWADA, Shin-ichi (Hiroshima University)

**Session Classification:** Loops, Top & QCD

Contribution ID: **61**

Type: **not specified**

## Extra Higgs bosons and tanbeta

*Tuesday, 23 October 2012 11:00 (30 minutes)*

**Presenter:** Dr TSUMURA, Koji (ICTP)

**Session Classification:** Higgs & EWSB

Contribution ID: **62**

Type: **not specified**

## **Higgs properties in the pMSSM**

*Wednesday, 24 October 2012 14:00 (20 minutes)*

**Presenter:** Prof. HEWETT, JoAnne (SLAC National Accelerator Laboratory/Stanford University)

**Session Classification:** Higgs & EWSB

Contribution ID: 63

Type: **not specified**

# Higgs phenomenology of the supersymmetric grand unified theory with the Hosotani mechanism

*Tuesday, 23 October 2012 11:30 (20 minutes)***Presenter:** KAKIZAKI, Mitsuru (LAPTH)**Session Classification:** Higgs & EWSB



Contribution ID: 64

Type: **not specified**

## **A model for the Higgs inflation and its testability at the ILC**

*Tuesday, 23 October 2012 11:50 (20 minutes)***Presenter:** Mr NABESHIMA, Takehiro (University of Toyama)**Session Classification:** Higgs & EWSB

Contribution ID: 65

Type: **not specified**

## Status of the Whizard Event Generator: SM/QCD/BSM/NLO

*Wednesday, 24 October 2012 14:20 (20 minutes)***Presenter:** REUTER, juergen (DESY Hamburg, Germany)**Session Classification:** Higgs & EWSB

Contribution ID: 66

Type: **not specified**

## A supersymmetric inert Higgs model and its phenomenological implications

*Wednesday, 24 October 2012 14:40 (20 minutes)***Presenter:** Dr SHINDOU, Tetsuo (Kogakuin University)**Session Classification:** Higgs & EWSB

Contribution ID: 67

Type: **not specified**

# **Phenomenology of a light Higgs scenario with strongly-coupled Higgs sector arising from SUSY strong dynamics**

*Wednesday, 24 October 2012 15:00 (20 minutes)***Presenter:** Mr YAMADA, Toshifumi (KEK, Sokendai)**Session Classification:** Higgs & EWSB

Contribution ID: **68**

Type: **not specified**

## Self-coupling

*Thursday, 25 October 2012 11:00 (30 minutes)*

**Presenter:** Mr TIAN, Junping (KEK)

**Session Classification:** Higgs & EWSB

Contribution ID: 69

Type: **not specified**

## Measurement of the trilinear Higgs self-coupling at 1.4TeV and a 3TeV CLIC

*Thursday, 25 October 2012 11:30 (20 minutes)***Presenter:** Dr LASTOVICKA, Tomas (University of Oxford)**Session Classification:** Higgs & EWSB

Contribution ID: 70

Type: **not specified**

## Full simulation study on H->gammagamma and H->mumu with the ILC detector

*Thursday, 25 October 2012 08:30 (20 minutes)***Presenter:** Dr CALANCHA PAREDES, Constantino (ILC (KEK))**Session Classification:** Higgs & EWSB

Contribution ID: 71

Type: **not specified**

## Higgs Branching ratio study for DBD

*Thursday, 25 October 2012 08:50 (20 minutes)*

**Presenter:** Mr ONO, Hiroaki (Nippon Dental University)

**Session Classification:** Higgs & EWSB



Contribution ID: 72

Type: **not specified**

## Measurement of the Higgs width

*Thursday, 25 October 2012 09:10 (20 minutes)*

**Presenter:** Dr LIST, Jenny (DESY)

**Session Classification:** Higgs & EWSB

Contribution ID: 73

Type: **not specified**

## **Higgs Mass and Cross-Section Measurements at a 500GeV CLIC Machine, Operating at $\sqrt{s}=350\text{GeV}$ and 500GeV**

*Thursday, 25 October 2012 09:30 (20 minutes)***Presenter:** Prof. THOMSON, Mark (University of Cambridge)**Session Classification:** Higgs & EWSB

Contribution ID: 74

Type: **not specified**

## Higgs couplings at the ILC

*Thursday, 25 October 2012 09:50 (20 minutes)*

**Presenter:** PESKIN, Michael (SLAC, Stanford University)

**Session Classification:** Higgs & EWSB

Contribution ID: 75

Type: **not specified**

## Higgs at the LHC

*Tuesday, 23 October 2012 08:30 (35 minutes)*

**Presenter:** YU, Jaehoon (University of Texas at Arlington)

**Session Classification:** Higgs & EWSB

Contribution ID: 76

Type: **not specified**

## EW-fit

Contribution ID: 77

Type: **not specified**

# The Higgs boson mass its meaning for the Standard Model

*Tuesday, 23 October 2012 09:05 (25 minutes)***Presenter:** BEZRUKOV, Fedor (U Connecticut)**Session Classification:** Higgs & EWSB

Contribution ID: 78

Type: **not specified**

## Perturbative Unitarity of the Higgs derivative interactions

*Tuesday, 23 October 2012 09:30 (25 minutes)***Presenter:** KIKUTA, Yohei (KEK)**Session Classification:** Higgs & EWSB

Contribution ID: 79

Type: **not specified**

# Renormalization of the Higgs sector in the triplet model

*Tuesday, 23 October 2012 09:55 (20 minutes)***Presenter:** Dr YAGYU, Kei (Toyama)**Session Classification:** Higgs & EWSB



Contribution ID: **80**

Type: **not specified**

## **Dark Matter: Indirect detection and Colliders**

*Tuesday, 23 October 2012 14:00 (20 minutes)*

**Presenter:** GARCIA CERDENO, David

**Session Classification:** SUSY and New Physics

Contribution ID: **81**Type: **not specified**

## Excluding EW baryogenesis in the MSSM

*Tuesday, 23 October 2012 14:20 (20 minutes)***Presenter:** MEADE, Patrick (Stony Brook University)**Session Classification:** SUSY and New Physics

Contribution ID: 82

Type: **not specified**

## Implications of 7 & 8 TeV SUSY Searches for the pMSSM & the LC

*Tuesday, 23 October 2012 14:40 (25 minutes)***Presenter:** Dr RIZZO, Thomas (SLAC)**Session Classification:** SUSY and New Physics

Contribution ID: 83

Type: **not specified**

## Nsusy fits (natural SUSY, Higgs, light stops)

*Wednesday, 24 October 2012 11:00 (20 minutes)***Presenter:** TROTT, Michael Robert**Session Classification:** SUSY and New Physics

Contribution ID: 84

Type: **not specified**

## Radiative natural supersymmetry and the ILC

*Wednesday, 24 October 2012 11:20 (20 minutes)***Presenter:** BAER, Howard (University of Oklahoma)**Session Classification:** SUSY and New Physics

Contribution ID: 85

Type: **not specified**

## SUSY parameter determination with Higgsinos

*Wednesday, 24 October 2012 11:40 (20 minutes)***Presenter:** Mr ROLBIECKI, Krzysztof (Institute of Theoretical Physics, Warsaw University)**Session Classification:** SUSY and New Physics

Contribution ID: 86

Type: **not specified**

## Exploring light Higgsinos with the ILC

*Wednesday, 24 October 2012 12:00 (20 minutes)***Presenter:** Dr LIST, Jenny (DESY)**Session Classification:** SUSY and New Physics

Contribution ID: 87

Type: **not specified**

# Measurement of supersymmetry at a 1.4 TeV CLIC collider

*Thursday, 25 October 2012 14:00 (30 minutes)***Presenter:** Dr ROLOFF, Philipp (CERN)**Session Classification:** SUSY and New Physics



Contribution ID: 88

Type: **not specified**

## ILC performance in scenarios with light sleptons

*Thursday, 25 October 2012 14:30 (30 minutes)***Presenter:** BERGGREN, Mikael (DESY Hamburg)**Session Classification:** SUSY and New Physics

Contribution ID: 89

Type: **not specified**

## One-loop effects on MSSM parameter determination via chargino production at the LHC

*Thursday, 25 October 2012 15:00 (20 minutes)***Presenter:** Mr ROLBIECKI, Krzysztof (Institute of Theoretical Physics, Warsaw University)**Session Classification:** SUSY and New Physics

Contribution ID: 90

Type: **not specified**

## Dark Matter: Direct Detection and Colliders

*Thursday, 25 October 2012 16:00 (20 minutes)***Presenter:** Dr PERELSTEIN, Maxim (Cornell)**Session Classification:** SUSY and New Physics

Contribution ID: 91

Type: **not specified**

## **Radiative type-I seesaw model with dark matter via $U(1)_{\{B-L\}}$ gauge symmetry breaking at the ILC**

*Thursday, 25 October 2012 16:20 (20 minutes)***Presenter:** SUGIYAMA, Hiroaki (University of Toyama)**Session Classification:** SUSY and New Physics

Contribution ID: 92

Type: **not specified**

## **Z' searches at 3 TeV and 1.5 TeV CLIC**

*Thursday, 25 October 2012 16:40 (20 minutes)*

**Presenter:** WELLS, James

**Session Classification:** SUSY and New Physics

Contribution ID: 94

Type: **not specified**

## MDI Update from ILD

*Tuesday, 23 October 2012 08:30 (25 minutes)*

**Presenter:** Dr BUESSER, Karsten (DESY)

**Session Classification:** Int/MDI/Pol

Contribution ID: 95

Type: **not specified**

## MDI Update from SiD

*Tuesday, 23 October 2012 08:55 (25 minutes)*

**Presenter:** ORIUNNO, Marco (SLAC National Accelerator Laboratory)

**Session Classification:** Int/MDI/Pol

Contribution ID: 96

Type: **not specified**

## Compton Polarimetry for Future Linear Colliders

*Tuesday, 23 October 2012 09:40 (20 minutes)*

**Presenter:** BILKI, Burak (University of Iowa-Unknown-Unknown)

**Session Classification:** Int/MDI/Pol



Contribution ID: 97

Type: **not specified**

## **Report on Frequency Scanned Interferometry R&D for Magnet and Tracker Alignment**

*Tuesday, 23 October 2012 09:20 (20 minutes)*

**Presenter:** RILES, Keith (University of Michigan)

**Session Classification:** Int/MDI/Pol

Contribution ID: 98

Type: **not specified**

## Measurement of the beam polarization using the semileptonic $WW$ process

*Tuesday, 23 October 2012 10:00 (20 minutes)***Presenter:** Dr ROSCA, Aura (DESY)**Session Classification:** Int/MDI/Pol

Contribution ID: 99

Type: **not specified**

# **Performance of a fully instrumented sensor plane for FCAL**

*Wednesday, 24 October 2012 11:00 (25 minutes)*

**Presenter:** LOHMANN, Wolfgang (DESY)

**Session Classification:** Int/MDI/Pol

Contribution ID: **100**

Type: **not specified**

# **Electromagnetically-Induced Radiation Damage Studies in a Realistic Environment**

*Wednesday, 24 October 2012 11:25 (20 minutes)*

**Presenter:** SCHUMM, Bruce Andrew (University of California,Santa Cruz (US))

**Session Classification:** Int/MDI/Pol

Contribution ID: **101**

Type: **not specified**

## **IP Feedback tests at ATF2**

*Wednesday, 24 October 2012 11:45 (20 minutes)*

**Presenter:** Prof. BURROWS, Philip (Oxford University)

**Session Classification:** Int/MDI/Pol

Contribution ID: **102**

Type: **not specified**

## **Strong field beamstrahlung simulations**

*Wednesday, 24 October 2012 12:05 (25 minutes)*

**Presenter:** HARTIN, Anthony (DESY)

**Session Classification:** Int/MDI/Pol

Contribution ID: **103**

Type: **not specified**

# Earthquake protection for LC detectors

*Thursday, 25 October 2012 14:00 (25 minutes)*

**Presenter:** DUARTE RAMOS, Fernando (CERN)

**Session Classification:** Int/MDI/Pol

Contribution ID: **104**

Type: **not specified**

## **Cryogenic System of the ILC Central Region in a Japanese Mountain Site**

*Thursday, 25 October 2012 14:25 (25 minutes)*

**Presenter:** Dr OKAMURA, Takahiro (KEK)

**Session Classification:** Int/MDI/Pol



Contribution ID: **105**

Type: **not specified**

## **Discussion of Post TDR MDI and Detector Integration Issues**

*Thursday, 25 October 2012 14:50 (40 minutes)*

**Session Classification:** Int/MDI/Pol

Contribution ID: **106**Type: **not specified**

# FFS Lattice optimization for Synchrotron Radiation effects

*Thursday, 25 October 2012 08:30 (20 minutes)***Presenter:** BLANCO GARCIA, Oscar Roberto (Universite de Paris-Sud 11 (FR))**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: **107**

Type: **not specified**

## **Comparing traditional and local chromaticity correction FFS for CLIC**

*Thursday, 25 October 2012 08:50 (20 minutes)*

**Presenter:** Mr GARCIA MORALES, Hector (CERN)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: **108**

Type: **not specified**

## **ILC FFS beam dynamics**

*Thursday, 25 October 2012 09:10 (20 minutes)*

**Presenter:** Mr GARCIA MORALES, Hector (CERN)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: **109**

Type: **not specified**

## **Solenoid effects in CLIC**

*Thursday, 25 October 2012 09:30 (20 minutes)*

**Presenter:** LEVINSEN, Yngve Inntjore (University of Oslo (NO))

**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: **110**

Type: **not specified**

## **Ground motion feedback for ATF2**

*Thursday, 25 October 2012 09:50 (20 minutes)*

**Presenter:** RENIER, Yves (CERN)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: 111

Type: **not specified**

## **BDS for the ILC: Low energy option**

*Thursday, 25 October 2012 10:10 (20 minutes)*

**Presenter:** Dr MALYSHEVA, Larisa (Oxford University)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: 112

Type: **not specified**

## **CLIC QD0 Short Prototype Status: Final assembly and Magnetic Measurements**

*Thursday, 25 October 2012 11:00 (20 minutes)*

**Presenter:** MODENA, Michele

**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI



Contribution ID: 113

Type: **not specified**

## **Simplified models of ILD and SiD detectors: Simulations and scaled test bench**

*Thursday, 25 October 2012 11:20 (20 minutes)*

**Presenter:** COLLETTE, Christophe

**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: 114

Type: **not specified**

## Vibration Stabilization Experimental Results

*Thursday, 25 October 2012 11:40 (20 minutes)***Presenter:** Dr JEREMIE, Andrea (LAPP)**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: 115

Type: **not specified**

## Spin Tracking Studies in the BDS

*Thursday, 25 October 2012 12:00 (20 minutes)*

**Presenter:** BECKMANN, Moritz (DESY)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Delivery and MDI

Contribution ID: **116**Type: **not specified**

# Particle showers in the CALICE tungsten scintillator HCAL

*Tuesday, 23 October 2012 08:30 (20 minutes)***Presenter:** SEFKOW, Felix (DESY)**Session Classification:** Calo/Muons

Contribution ID: 117

Type: **not specified**

## **CALICE T3B - The time structure of hadronic showers in Tungsten and Steel**

*Tuesday, 23 October 2012 08:50 (20 minutes)***Presenter:** Dr SIMON, Frank (Max-Planck-Institut fuer Physik)**Session Classification:** Calo/Muons

Contribution ID: **118**Type: **not specified**

# The CALICE scintillator HCAL technological prototype

*Tuesday, 23 October 2012 09:10 (20 minutes)***Presenter:** HARTBRICH, Oskar (Bergische Universitaet Wuppertal / DESY FLC)**Session Classification:** Calo/Muons

Contribution ID: 119

Type: **not specified**

## Beam tests of the new scintillator HCAL modules at DESY

*Tuesday, 23 October 2012 09:30 (20 minutes)***Presenter:** KRUEGER, Katja (DESY)**Session Classification:** Calo/Muons

Contribution ID: 120

Type: **not specified**

# LED calibration system and optical fibre distribution system

*Tuesday, 23 October 2012 09:50 (20 minutes)***Presenter:** Mr KVASNICKA, Jiri (Institute of Physics, ASCR)**Session Classification:** Calo/Muons



Contribution ID: **121**

Type: **not specified**

## **First results from the Tungsten-DHCAL tests**

*Tuesday, 23 October 2012 14:00 (20 minutes)*

**Presenter:** Dr REPOND, Jose (Argonne National Laboratory)

**Session Classification:** Calo/Muons

Contribution ID: **122**

Type: **not specified**

## **Status of the GEM/DHCAL project**

*Wednesday, 24 October 2012 11:00 (20 minutes)*

**Presenter:** Dr PARK, Seongtae (University of Texas at Arlington)

**Session Classification:** Calo/Muons

Contribution ID: **123**

Type: **not specified**

## Construction and status of the SDHCAL

*Tuesday, 23 October 2012 14:40 (20 minutes)*

**Presenter:** Mr LAKTINEH, imad (ipnl)

**Session Classification:** Calo/Muons

Contribution ID: **124**

Type: **not specified**

## **First results of the SDHCAL**

*Tuesday, 23 October 2012 15:00 (20 minutes)*

**Presenter:** Dr BOUDRY, Vincent (LLR –École polytechnique, CNRS/IN2P3)

**Session Classification:** Calo/Muons

Contribution ID: 125

Type: **not specified**

## Status of the Micromegas/DHCAL project

*Tuesday, 23 October 2012 14:20 (20 minutes)*

**Presenter:** Prof. WHITE, Andy (University of Texas at Arlington)

**Session Classification:** Calo/Muons

Contribution ID: **126**

Type: **not specified**

## **Structural studies for a realistic tungsten HCAL**

*Wednesday, 24 October 2012 11:20 (20 minutes)*

**Presenter:** DUARTE RAMOS, Fernando (CERN)

**Session Classification:** Calo/Muons

Contribution ID: **127**

Type: **not specified**

## **Status of ADRIANO R&D in T1015 Collaboration**

*Wednesday, 24 October 2012 11:40 (20 minutes)*

**Presenter:** Dr GATTO, Corrado (INFN)

**Session Classification:** Calo/Muons

Contribution ID: 128

Type: **not specified**

## **Performance of fully assembled sensor planes for BeamCal and LumiCal measured in a test-beam**

*Wednesday, 24 October 2012 12:00 (20 minutes)***Presenter:** LOHMANN, Wolfgang (DESY)**Session Classification:** Calo/Muons



Contribution ID: 129

Type: **not specified**

## **SiW Ecal Technological Prototype - Review of engineering aspects and perspectives**

*Wednesday, 24 October 2012 14:20 (20 minutes)*

**Presenter:** Dr CORNAT, Remi Jean Noel (CNRS/IN2P3/Laboratoire Leprince-Ringuet (LLR))

**Session Classification:** Calo/Muons

Contribution ID: **130**

Type: **not specified**

## **SiW Ecal Technological Prototype - Test beam results**

*Wednesday, 24 October 2012 14:00 (20 minutes)*

**Presenter:** FRISSON, Thibault (LAL Orsay)

**Session Classification:** Calo/Muons

Contribution ID: **131**

Type: **not specified**

## **SiD silicon-tungsten ECal and KPiX efforts**

*Wednesday, 24 October 2012 14:40 (20 minutes)*

**Presenter:** BREIDENBACH, Martin (SLAC)

**Session Classification:** Calo/Muons

Contribution ID: **132**

Type: **not specified**

## **DECAL using MAPS technology**

*Wednesday, 24 October 2012 15:00 (20 minutes)*

**Presenter:** Mr PRICE, Tony (University of Birmingham)

**Session Classification:** Calo/Muons

Contribution ID: 133

Type: **not specified**

## **Study of the SiW ECAL performance with reduced number of layers**

*Thursday, 25 October 2012 08:50 (20 minutes)***Presenter:** TRAN, Trong Hieu (LLR –École polytechnique)**Session Classification:** Calo/Muons

Contribution ID: **134**

Type: **not specified**

## **Result of ScECAL**

*Thursday, 25 October 2012 09:10 (20 minutes)*

**Presenter:** Prof. TAKESHITA, Tohru (Shinshu University)

**Session Classification:** Calo/Muons

Contribution ID: 135

Type: **not specified**

## MPPC performance

*Thursday, 25 October 2012 09:30 (20 minutes)*

**Presenter:** Prof. TAKESHITA, Tohru (Shinshu University)

**Session Classification:** Calo/Muons

Contribution ID: **136**

Type: **not specified**

## Current progress on SiD muon detection

*Thursday, 25 October 2012 08:30 (20 minutes)*

**Presenter:** FISK, H. Eugene (Fermilab)

**Session Classification:** Calo/Muons



Contribution ID: 137

Type: **not specified**

## Potential for probing the Majorana nature in radiative neutrino masses at a future linear collider

*Tuesday, 23 October 2012 15:05 (20 minutes)***Presenter:** AOKI, Mayumi (Kanazawa University)**Session Classification:** SUSY and New Physics

Contribution ID: 138

Type: **not specified**

## Development of nanometer electron beam size monitor

*Thursday, 25 October 2012 08:30 (20 minutes)***Presenter:** Ms YAN, Jacqueline (University of Tokyo)**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: 139

Type: **not specified**

## **Two-beam module development program: status and future plans**

*Thursday, 25 October 2012 08:50 (20 minutes)*

**Presenter:** RIDDONE, Germana

**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: **140**

Type: **not specified**

## **Status of Design and Prototype Procurement for CLIC 2-Beam Module Magnets**

*Thursday, 25 October 2012 09:10 (20 minutes)*

**Presenter:** MODENA, Michele

**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: **141**

Type: **not specified**

## Conduction cooled SC magnet

*Thursday, 25 October 2012 09:30 (20 minutes)*

**Presenter:** KASHIKHIN, VLADIMIR (FERMILAB)

**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: 142

Type: **not specified**

## **Discussion on common instrumentation and future work-plan**

Contribution ID: **143**

Type: **not specified**

## **Summary/discussion**

Contribution ID: 144

Type: **not specified**

## Discussion/Summary

*Thursday, 25 October 2012 16:00 (1 hour)*

**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems



Contribution ID: 145

Type: **not specified**

## Joint with RF structure/technologies

*Thursday, 25 October 2012 11:00 (1h 30m)*

**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: 146

Type: **not specified**

## Linear Collider module control and stabilization (IEEE rehearsal)

*Thursday, 25 October 2012 14:00 (20 minutes)***Presenter:** Dr JEREMIE, Andrea (LAPP)**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: **147**Type: **not specified**

## Linear Collider Instrumentation (IEEE rehearsal)

*Thursday, 25 October 2012 14:20 (20 minutes)***Presenter:** LEFEVRE, Thibaut**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: 148

Type: **not specified**

## **Alignment challenges for a future Linear Collider (IEEE rehearsal)**

*Thursday, 25 October 2012 14:40 (20 minutes)*

**Presenter:** MAINAUD DURAND, Helene

**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: 149

Type: **not specified**

## Summary of the Machine protection Workshop 2012

*Thursday, 25 October 2012 15:00 (30 minutes)***Primary author:** JONKER, Michael**Session Classification:** Joint CLIC/ILC Working Group - Instrumentation and Technical Systems

Contribution ID: **150**

Type: **not specified**

## **Joint session with Instrumentation and Technical Systems**

*Thursday, 25 October 2012 08:30 (2 hours)*

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **151**

Type: **not specified**

## **STF-LLRF system and its study plan**

*Thursday, 25 October 2012 11:00 (20 minutes)*

**Presenter:** Dr MICHIZONO, Shinichiro (KEK)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **152**

Type: **not specified**

## **Power distribution system**

*Thursday, 25 October 2012 11:20 (20 minutes)*

**Presenter:** Dr FUKUDA, Shigeki (KEK)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies



Contribution ID: **153**

Type: **not specified**

## CLIC Drive Beam Linac

*Thursday, 25 October 2012 11:50 (20 minutes)*

**Primary author:** WEGNER, Rolf (CERN)

**Presenter:** WEGNER, Rolf (CERN)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: 154

Type: **not specified**

## Synchronization system for CLIC crab cavities

*Thursday, 25 October 2012 12:10 (20 minutes)*

**Presenter:** WOOLLEY, Benjamin (Lancaster University)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: 155

Type: **not specified**

## Recent High-gradient test result at KEK

*Thursday, 25 October 2012 14:00 (20 minutes)*

**Presenter:** Dr HIGO, Toshiyasu (KEK)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **156**

Type: **not specified**

## **Recent High-gradient test result at CERN**

*Thursday, 25 October 2012 14:20 (20 minutes)*

**Presenter:** KOVERMANN, J. (CERN)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **157**

Type: **not specified**

## Seamless ILC cavity Fabrication

*Thursday, 25 October 2012 14:40 (20 minutes)*

**Presenter:** BUTTLES, John

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **158**

Type: **not specified**

## Field-emission mapping measurement

*Thursday, 25 October 2012 16:00 (20 minutes)*

**Presenter:** HIGASHI, Yasuo (KEK)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **159**Type: **not specified**

## Field emission and SEM surface mapping in Uppsala

*Thursday, 25 October 2012 16:20 (20 minutes)***Presenter:** MURANAKA, Tomoko (Department of Physics and Astronomy-University of Uppsala)**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **160**

Type: **not specified**

## **Short review of recent Mevarc Workshop**

*Thursday, 25 October 2012 16:40 (20 minutes)*

**Presenter:** WUENSCH, Walter

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies



Contribution ID: **161**Type: **not specified**

## Localization of field emitter in a 9-cell cavity

*Thursday, 25 October 2012 17:00 (15 minutes)***Presenter:** Dr GENG, Rongli (Jefferson Lab)**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **162**

Type: **not specified**

## **Recent surface study in KEK-STF**

*Thursday, 25 October 2012 17:15 (15 minutes)*

**Presenter:** HAYANO, Hitoshi (KEK)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: **163**

Type: **not specified**

## **FPCCD option of ILD vertex detector**

*Tuesday, 23 October 2012 08:30 (25 minutes)*

**Presenter:** Dr SUGIMOTO, Yasuhiro (KEK)

**Session Classification:** Tracking/Vtx

Contribution ID: **164**

Type: **not specified**

## **Developments of Readout ASIC and CCD for FPCCD vertex detector**

*Tuesday, 23 October 2012 08:55 (25 minutes)*

**Presenter:** KATO, Eriko (tohoku univ)

**Session Classification:** Tracking/Vtx

Contribution ID: 165

Type: **not specified**

## **Low mass, low power vertex detector for an ILC experiment-based on fast CMOS pixel sensors adapted to 1 TeV running conditions**

*Tuesday, 23 October 2012 09:20 (25 minutes)***Presenter:** WINTER, Marc (Institut de Recherches Subatomiques (IReS))**Session Classification:** Tracking/Vtx

Contribution ID: **166**

Type: **not specified**

## **Status of the Chronopixel project**

*Tuesday, 23 October 2012 09:45 (25 minutes)*

**Presenter:** Dr SINEV, Nick (University of Oregon)

**Session Classification:** Tracking/Vtx

Contribution ID: **167**

Type: **not specified**

## **DEPFET APS for future collider applications**

*Tuesday, 23 October 2012 10:10 (25 minutes)*

**Presenter:** ANDRICEK, Ladislav (MPI Munchen)

**Session Classification:** Tracking/Vtx

Contribution ID: **168**

Type: **not specified**

## **iLCSoft - Status and Plans**

*Tuesday, 23 October 2012 11:00 (18 minutes)*

**Presenter:** GAEDE, Frank (DESY)

**Session Classification:** Sim/Perf/Reconst



Contribution ID: **169**

Type: **not specified**

## **slic and lcsim**

*Tuesday, 23 October 2012 11:18 (18 minutes)*

**Presenter:** MCCORMICK, Jeremy (SLAC)

**Session Classification:** Sim/Perf/Reconst

Contribution ID: **170**

Type: **not specified**

## **ALCPG software: status and future plans**

*Tuesday, 23 October 2012 11:36 (18 minutes)*

**Presenter:** GRAF, Norman (SLAC)

**Session Classification:** Sim/Perf/Reconst

Contribution ID: 171

Type: **not specified**

## **New developments in SGV - a fast detector simulation**

*Tuesday, 23 October 2012 11:54 (18 minutes)*

**Presenter:** BERGGREN, Mikael (DESY Hamburg)

**Session Classification:** Sim/Perf/Reconst

Contribution ID: 172

Type: **not specified**

## SiD DBD production (DIRAC)

*Thursday, 25 October 2012 11:40 (18 minutes)*

**Presenter:** STRUBE, Jan Fridolf (STFC - Science & Technology Facilities Council (GB))

**Session Classification:** Sim/Perf/Reconst

Contribution ID: 173

Type: **not specified**

## Reconstruction of Granular Scintillator Strip Electromagnetic Calorimeter in ILD

*Thursday, 25 October 2012 08:30 (20 minutes)*

**Presenters:** KOTERA, Katsushige (Shinshu University, Faculty of Science,); Prof. TAKESHITA, Tohru (Shinshu University)

**Session Classification:** Sim/Perf/Reconst

Contribution ID: 174

Type: **not specified**

## Simultaion Study of the Hybrid ECAL for ILD

*Thursday, 25 October 2012 08:50 (20 minutes)*

**Presenter:** UENO, Hiraku (Kyushu Univ.)

**Session Classification:** Sim/Perf/Reconst

Contribution ID: 175

Type: **not specified**

## Simulation of RPC avalanche signal for a Digital Hadron Calorimeter

*Thursday, 25 October 2012 09:10 (20 minutes)***Presenter:** Dr XIA, Lei (Argonne National Laboratory)**Session Classification:** Sim/Perf/Reconst

Contribution ID: 176

Type: **not specified**

# Electron Tagging with the BeamCal at 3 TeV CLIC

*Thursday, 25 October 2012 09:30 (20 minutes)***Presenter:** SAILER, Andre (CERN, HU Berlin)**Session Classification:** Sim/Perf/Reconst



Contribution ID: 177

Type: **not specified**

# Measurement of the Differential Luminosity at 3 TeV CLIC

*Thursday, 25 October 2012 10:10 (20 minutes)***Presenter:** SAILER, Andre (CERN, HU Berlin)**Session Classification:** Sim/Perf/Reconst

Contribution ID: 178

Type: **not specified**

# **Correction methods for counting losses induced by the beam-beam effects in luminosity measurement at ILC**

*Thursday, 25 October 2012 09:50 (20 minutes)***Presenter:** SMILJANIC, Ivan (Vinca Institute of Nuclear Sciences)**Session Classification:** Sim/Perf/Reconst

Contribution ID: 179

Type: **not specified**

## Combined detector performance in the SiD DBD

*Thursday, 25 October 2012 11:00 (20 minutes)***Presenter:** STRUBE, Jan Fridolf (STFC - Science & Technology Facilities Council (GB))**Session Classification:** Sim/Perf/Reconst

Contribution ID: **180**Type: **not specified**

# Occupancies from beam-related backgrounds in SiD at ILC and CLIC

*Thursday, 25 October 2012 11:20 (20 minutes)***Presenter:** Mr GREFE, Christian (CERN, Bonn University)**Session Classification:** Sim/Perf/Reconst

Contribution ID: **181**

Type: **not specified**

## SiD DBD Tracking Performance

*Thursday, 25 October 2012 16:00 (20 minutes)*

**Presenter:** Mr GREFE, Christian (CERN, Bonn University)

**Session Classification:** Sim/Perf/Reconst

Contribution ID: **182**Type: **not specified**

## The New C++ Tracking Code in iLCSoft

*Thursday, 25 October 2012 16:20 (20 minutes)***Presenters:** GAEDE, Frank (DESY); GLATTAUER, Robin (HEPHY-Vienna); Dr APLIN, Steve (DESY)**Session Classification:** Sim/Perf/Reconst

Contribution ID: **183**

Type: **not specified**

## Status of LCFIPlus

*Thursday, 25 October 2012 16:40 (20 minutes)*

**Presenter:** Dr SUEHARA, Taikan (The University of Tokyo)

**Session Classification:** Sim/Perf/Reconst

Contribution ID: **184**

Type: **not specified**

## **Vertex-detector R&D for CLIC**

*Tuesday, 23 October 2012 11:00 (25 minutes)*

**Presenter:** DANNHEIM, Dominik

**Session Classification:** Tracking/Vtx



Contribution ID: 185

Type: **not specified**

## Hybrid pixel readout chip developments in view of the Linear Collider

*Tuesday, 23 October 2012 11:25 (25 minutes)*

**Presenter:** DE GASPARI, Massimiliano (Physikalisches Institut-Ruprecht-Karls-Universitaet Heidelberg)

**Session Classification:** Tracking/Vtx

Contribution ID: **186**

Type: **not specified**

## **CLIC inner detector cooling and mechanics**

*Tuesday, 23 October 2012 11:50 (25 minutes)*

**Presenter:** DUARTE RAMOS, Fernando (CERN)

**Session Classification:** Tracking/Vtx

Contribution ID: **187**

Type: **not specified**

## **Development of a low-material TPC endplate for ILD**

*Wednesday, 24 October 2012 08:30 (25 minutes)*

**Presenter:** Dr PETERSON, Daniel (Cornell)

**Session Classification:** Tracking/Vtx

Contribution ID: **188**

Type: **not specified**

## **Results of a beam test of a Large Micromegas TPC prototype with 6 modules**

*Wednesday, 24 October 2012 08:55 (25 minutes)*

**Presenter:** COLAS, Paul (CEA/Irfu Saclay)

**Session Classification:** Tracking/Vtx

Contribution ID: **189**

Type: **not specified**

## **Test Beam Measurements with the DESY GridGEM TPC Prototype Module**

*Wednesday, 24 October 2012 09:20 (25 minutes)*

**Presenter:** Mr MÜLLER, Felix (Desy)

**Session Classification:** Tracking/Vtx

Contribution ID: **190**

Type: **not specified**

## **Tracking studies in inhomogeneous magnetic and electric fields**

*Wednesday, 24 October 2012 10:10 (25 minutes)*

**Presenter:** KILLENBERG, Martin (CERN)

**Session Classification:** Tracking/Vtx

Contribution ID: **191**Type: **not specified**

## Occupancy for the CLIC\_ILD TPC with pad and pixel readout

*Wednesday, 24 October 2012 09:45 (25 minutes)***Presenter:** KILLENBERG, Martin (CERN)**Session Classification:** Tracking/Vtx

Contribution ID: 192

Type: **not specified**

## Noise and power pulsing measurements on the Super-Altro chip for gaseous detectors

*Wednesday, 24 October 2012 14:00 (25 minutes)*

**Presenter:** DE GASPARI, Massimiliano (Physikalisches Institut-Ruprecht-Karls-Universitaet Heidelberg)

**Session Classification:** Tracking/Vtx



Contribution ID: **193**

Type: **not specified**

## **Design of a FE ASIC in TSMC-65nm for Si tracking at the ILC**

*Wednesday, 24 October 2012 14:25 (25 minutes)*

**Presenter:** Dr CASANOVA, Raimon

**Session Classification:** Tracking/Vtx

Contribution ID: 194

Type: **not specified**

## **Base line design of FTD sub-detector power distribution system for ILD**

*Wednesday, 24 October 2012 14:50 (25 minutes)*

**Presenter:** ARTECHE GONZALEZ, Fernando Jose (Instituto Tecnológico de Aragon)

**Session Classification:** Tracking/Vtx

Contribution ID: **195**Type: **not specified**

## **View on photon colliders at ILC, CLIC, Higgs factory SAPPHIRE and super $\gamma\gamma$ factory**

*Wednesday, 24 October 2012 08:30 (50 minutes)***Primary author:** Prof. TELNOV, Valery (Budker INP, Novosibirsk)**Presenter:** Prof. TELNOV, Valery (Budker INP, Novosibirsk)**Session Classification:**  $\gamma\gamma$

Contribution ID: 196

Type: **not specified**

# Compton Collision Parameter Optimization for a Gamma Gamma Higgs Factory

*Wednesday, 24 October 2012 09:20 (25 minutes)***Primary author:** Dr BARKLOW, Timothy (SLAC)**Presenter:** Dr BARKLOW, Timothy (SLAC)**Session Classification:**  $\gamma\gamma$

Contribution ID: **197**

Type: **not specified**

## **Status of the optical cavity R&D at KEK-ATF**

*Wednesday, 24 October 2012 09:45 (25 minutes)*

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

**Session Classification:**  $\gamma\gamma$

Contribution ID: 198

Type: **not specified**

## Simulation of Higgs boson pair creation in a photon collider

*Wednesday, 24 October 2012 11:00 (20 minutes)***Presenter:** Dr TAKAHASHI, Tohru (Hiroshima University)**Session Classification:**  $\gamma\gamma$

Contribution ID: **199**Type: **not specified**

## Testing 125 GeV Higgs's from 2HDM at PLC

*Wednesday, 24 October 2012 11:20 (20 minutes)***Presenter:** KRAWCZYK, Maria (Warsaw University of Technology)**Session Classification:**  $\gamma\gamma$

Contribution ID: 200

Type: **not specified**

# Study of Triple Neutral Gauge Boson Interactions in $\gamma e$ to $eZ$

*Wednesday, 24 October 2012 11:40 (20 minutes)***Primary author:** Prof. CORNET, Fernando (Universidad de Granada)**Presenter:** Prof. CORNET, Fernando (Universidad de Granada)**Session Classification:**  $\gamma\gamma$



Contribution ID: **201**Type: **not specified**

## Discussion of $\gamma\gamma$ -summary for ILC TDR

*Thursday, 25 October 2012 14:40 (50 minutes)***Presenter:** Dr GRONBERG, Jeff (LLNL)**Session Classification:**  $\gamma\gamma$

Contribution ID: 202

Type: **not specified**

## Discussion of the laser for CLICHÉ and SAPPHiRE photon colliders

*Thursday, 25 October 2012 14:00 (40 minutes)***Presenters:** SCHULTE, Daniel (CERN); VELASCO, Mayda (Northwestern U.)**Session Classification:**  $\gamma\gamma$

Contribution ID: **203**

Type: **not specified**

## Power Consumption Report

*Friday, 26 October 2012 09:00 (15 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: **204**

Type: **not specified**

## Emittance Preservation Report

*Friday, 26 October 2012 09:15 (15 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: **205**

Type: **not specified**

## Project and Cost Schedule Basis Report

*Friday, 26 October 2012 09:30 (15 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: **206**

Type: **not specified**

# System Test Report

*Friday, 26 October 2012 09:45 (15 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: **207**

Type: **not specified**

## **Joint CLIC/ILC Working Group - RF Structure/Technologies Report**

*Friday, 26 October 2012 10:00 (5 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: **208**

Type: **not specified**

## **Joint CLIC/ILC Working Group - CFS Report**

*Friday, 26 October 2012 10:05 (5 minutes)*

**Session Classification:** Accelerator Plenary



Contribution ID: **209**

Type: **not specified**

## **Joint CLIC/ILC Working Group - Beam Delivery and MDI Report**

*Friday, 26 October 2012 10:10 (5 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: **210**

Type: **not specified**

## **Joint CLIC/ILC Working Group - Beam Dynamics Report**

*Friday, 26 October 2012 10:15 (5 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: 211

Type: **not specified**

## Joint CLIC/ILC Working Group - Damping Rings Report

*Friday, 26 October 2012 10:20 (5 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: 212

Type: **not specified**

## Joint CLIC/ILC Working Group - Sources - Report

*Friday, 26 October 2012 10:25 (5 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: 213

Type: **not specified**

## **Joint CLIC/ILC Working Group - Instrumentation and Technical Systems Report**

*Friday, 26 October 2012 10:30 (5 minutes)*

**Session Classification:** Accelerator Plenary

Contribution ID: 214

Type: **not specified**

## **Recent Ingrid Studies and DESY Test-beam results with Octopuce**

*Wednesday, 24 October 2012 15:15 (15 minutes)*

**Presenter:** TITOV, Maksym

**Session Classification:** Tracking/Vtx

Contribution ID: **215**

Type: **not specified**

## **ILC Update and TDR**

*Thursday, 25 October 2012 08:30 (30 minutes)*

**Primary author:** GAI, Wei (ANL)

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

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: **216**

Type: **not specified**

## **Update on target and OMD design**

*Thursday, 25 October 2012 09:00 (30 minutes)*

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

**Session Classification:** Joint CLIC/ILC Working Group - Sources



Contribution ID: **217**

Type: **not specified**

## **Collimator for the polarized beam**

*Thursday, 25 October 2012 09:30 (30 minutes)*

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

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: **218**

Type: **not specified**

## Summary of the 2012 DESY POSIPOL

*Thursday, 25 October 2012 10:00 (30 minutes)*

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

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: **219**

Type: **not specified**

## **Polarization issues**

*Thursday, 25 October 2012 11:00 (30 minutes)*

**Presenter:** Dr USHAKOV, Andriy (University of Hamburg)

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: **220**

Type: **not specified**

## **ILC Conventional Source**

*Thursday, 25 October 2012 11:30 (30 minutes)*

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

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: **221**

Type: **not specified**

## **Higgs Factory Undulator based e<sup>+</sup>e<sup>-</sup> source**

*Thursday, 25 October 2012 12:00 (20 minutes)*

**Presenter:** LIU, Wanming (Argonne National Lab)

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: 222

Type: **not specified**

## **Baseline and Layout of the CLIC e+e- Sources**

*Thursday, 25 October 2012 14:00 (20 minutes)*

**Presenter:** DOEBERT, Steffen

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: **223**

Type: **not specified**

## **Drive Beam for CLIC**

*Thursday, 25 October 2012 14:20 (20 minutes)*

**Presenter:** DOEBERT, Steffen

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: 224

Type: **not specified**

## Undulator Based e<sup>+</sup> source for CLIC

*Thursday, 25 October 2012 14:40 (20 minutes)*

**Presenter:** LIU, Wanming (Argonne National Lab)

**Session Classification:** Joint CLIC/ILC Working Group - Sources



Contribution ID: 225

Type: **not specified**

## CLIC Hybrid positron source

*Thursday, 25 October 2012 15:00 (20 minutes)*

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

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: 226

Type: **not specified**

## **Compton Based positron source for ILC: An update**

*Thursday, 25 October 2012 15:20 (30 minutes)*

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

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: 227

Type: **not specified**

## Positron production using a realistic undulator

*Thursday, 25 October 2012 12:20 (20 minutes)*

**Presenter:** JENKINS, Mike (Lancaster University / Cockcroft Institute)

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: **228**Type: **not specified**

## Group Discussion

*Thursday, 25 October 2012 16:30 (1h 30m)*

We will discuss the future ILC TDR and future CLIC schemes.

**Presenter:** ALL

**Session Classification:** Joint CLIC/ILC Working Group - Sources

Contribution ID: 229

Type: **not specified**

## **FBG seonsors based self monitoring support structures for trackers**

*Tuesday, 23 October 2012 12:15 (25 minutes)*

**Presenter:** MOYA MARTIN, David (IFCA - Instituto de Fisica de Cantabria-Consejo Sup. de Invest)

**Session Classification:** Tracking/Vtx

Contribution ID: 230

Type: **not specified**

## Characterization of ILC DR error tolerance

*Thursday, 25 October 2012 08:30 (25 minutes)***Presenter:** Mr SHANKS, Jim (Cornell University)**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 231

Type: **not specified**

## Reaching ultra-low emittance at SLS through random walk optimisation

*Thursday, 25 October 2012 08:55 (20 minutes)*

**Presenter:** Dr AIBA, Masamitsu (PSI)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: **232**Type: **not specified**

## Introduction

*Wednesday, 24 October 2012 14:00 (5 minutes)***Presenters:** Dr BEHNKE, Ties (DESY); Dr SUGIMOTO, Yasuhiro (KEK)**Session Classification:** ILD Concept



Contribution ID: 233

Type: **not specified**

## Benchmarking in ILD

**Presenters:** Prof. THOMSON, Mark (University of Cambridge); TANABE, Tomohiko (The University of Tokyo)

Contribution ID: 234

Type: **not specified**

## **ILD: discussion session**

*Wednesday, 24 October 2012 15:20 (10 minutes)*

**Presenters:** Dr BEHNKE, Ties (DESY); Dr SUGIMOTO, Yasuhiro (KEK)

**Session Classification:** ILD Concept

Contribution ID: 235

Type: **not specified**

## Low emittance tuning through dispersion free steering

*Thursday, 25 October 2012 09:15 (15 minutes)***Presenter:** Mr LIUZZO, Simone (ESRF)**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 236

Type: **not specified**

## Low emittance instrumentation in CESR-TA

*Thursday, 25 October 2012 09:30 (25 minutes)***Presenter:** Mr BILLING, Michael (CLASSE, Cornell University)**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: **237**

Type: **not specified**

## Emittance monitor at SLS

*Thursday, 25 October 2012 09:55 (20 minutes)*

**Presenter:** Dr MILAS, Natalia (PSI)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 238

Type: **not specified**

## Measurements of ultra-low emittances using a vertical undulator

*Thursday, 25 October 2012 10:15 (15 minutes)***Presenter:** Mr WOOTON, Kent (Australian Synchrotron)**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: **239**

Type: **not specified**

## **IBS measurements at CESRTA**

*Thursday, 25 October 2012 11:00 (25 minutes)*

**Presenter:** Mr EHRlichman, Michael (Cornell)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: **240**

Type: **not specified**

## **IBS measurements at SLS**

*Thursday, 25 October 2012 11:25 (20 minutes)*

**Presenter:** ANTONIOU, Fanouria (Physics Department-Sch. of Applied Maths. & Phys. Sci.-National)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings



Contribution ID: **241**

Type: **not specified**

## **Radiation heating from the ILC damping wigglers**

*Thursday, 25 October 2012 11:45 (20 minutes)*

**Presenter:** BOON, Laura (Purdue)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 242

Type: **not specified**

## **Discussion on IBS, Low Emittance techniques and instrumentation**

*Thursday, 25 October 2012 12:05 (25 minutes)*

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 243

Type: **not specified**

## Recent electron cloud studies at CESRTA

*Thursday, 25 October 2012 14:00 (25 minutes)*

**Presenter:** Dr CRITTENDEN, James (Cornell University)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 244

Type: **not specified**

## **An accurate model of beam ion instability**

*Thursday, 25 October 2012 14:25 (25 minutes)*

**Presenter:** Dr WANG, Lanfa (SLAC)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 245

Type: **not specified**

## **CLIC DR extraction kicker design, manufacturing and experimental program**

*Thursday, 25 October 2012 14:50 (20 minutes)*

**Presenter:** Ms BELVER AGUILAR, Carolina (IFIC, Valencia)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 246

Type: **not specified**

## Impedence budget and effect of chamber coating on CLIC DR beam stability

*Thursday, 25 October 2012 15:10 (20 minutes)*

**Presenter:** KOUKOVINI PLATIA, Eirini (Physics Department-Sch. of Applied Maths. & Phys. Sci.-National)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 247

Type: **not specified**

## Progress and future of ATF experimental program

*Thursday, 25 October 2012 16:00 (25 minutes)*

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

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 248

Type: **not specified**

## **PEP-X design and implications with damping rings R&D**

*Thursday, 25 October 2012 16:25 (25 minutes)*

**Presenter:** Dr CAI, Yunhai (SLAC)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings



Contribution ID: 249

Type: **not specified**

## **Dream test facilities for DR R&D**

*Thursday, 25 October 2012 16:50 (20 minutes)*

**Presenter:** Dr PAPAPHILIPPOU, Yannis (CERN)

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 250

Type: **not specified**

## **Discussion on CLIC/ILC collaboration on Damping rings and LOW Emittance Rings Collaboration**

*Thursday, 25 October 2012 17:10 (20 minutes)*

**Session Classification:** Joint CLIC/ILC Working Group - Damping Rings

Contribution ID: 251

Type: **not specified**

## Online Dispersion Free Steering in CLIC

*Thursday, 25 October 2012 11:00 (25 minutes)***Presenter:** PFINGSTNER, Juergen (Technische Universitaet Graz)**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: 252

Type: **not specified**

## Studies of CLIC decelerator tolerances

*Thursday, 25 October 2012 11:25 (25 minutes)***Presenter:** Mr ESBERG, Jakob (Institute for Physics and Astronomy, Aarhus University)**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: 253

Type: **not specified**

## Test Beam Line at CTF3

**Presenter:** ADLI, Erik (EPF group-Department of Physics-University of Oslo)

Contribution ID: 254

Type: **not specified**

## **Preliminary results of BBA at FACET**

*Thursday, 25 October 2012 15:00 (30 minutes)*

**Presenter:** Dr LATINA, Andrea (CERN)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: 255

Type: **not specified**

## Beam Dynamics Studies at ATF2

*Thursday, 25 October 2012 14:00 (30 minutes)*

**Presenter:** Dr OKUGI, Toshiyuki (KEK)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: 256

Type: **not specified**

## Collimator experiment proposal at ESTB/SLAC

*Thursday, 25 October 2012 14:30 (30 minutes)***Presenter:** Dr RESTA LOPEZ, Javier (IFIC, CSIC-Valencia University)**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics



Contribution ID: 257

Type: **not specified**

## Overview of RTML design and TDR writing

*Thursday, 25 October 2012 16:00 (30 minutes)*

**Presenter:** Dr VIVOLI, Alessandro (FNAL)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: **258**

Type: **not specified**

## **ML lattice design for TDR**

*Thursday, 25 October 2012 16:30 (30 minutes)*

**Presenters:** Dr SOLYAK, Nikolay (FNAL); Dr KAPIN, Valery (FNAL)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: 259

Type: **not specified**

## **Two-stage bunch compressor and extraction lines design status**

*Thursday, 25 October 2012 17:00 (30 minutes)*

**Presenter:** Dr SELETSKIY, Sergei (BNL)

**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: **260**

Type: **not specified**

## **Damping Rings (20'+10')**

*Tuesday, 23 October 2012 08:30 (30 minutes)*

**Presenters:** Prof. URAKAWA, Junji (KEK); Dr PAPAPHILIPPOU, Yannis (CERN)

**Session Classification:** Accelerator Plenary

Contribution ID: 261

Type: **not specified**

## Ring to main linac transport (20'+10')

*Tuesday, 23 October 2012 09:00 (30 minutes)*

**Presenters:** Dr LATINA, Andrea (CERN); Dr SOLYAK, Nikolay (FNAL)

**Session Classification:** Accelerator Plenary

Contribution ID: **262**Type: **not specified**

## Main Linac (20'+10')

*Tuesday, 23 October 2012 09:30 (30 minutes)***Presenters:** Dr LATINA, Andrea (CERN); Dr KUBO, Kiyoshi (KEK)**Session Classification:** Accelerator Plenary

Contribution ID: **263**

Type: **not specified**

## **Beam Delivery System**

*Tuesday, 23 October 2012 10:00 (30 minutes)*

**Presenters:** Dr TOMAS, Rogelio (CERN); Dr TAUCHI, Toshiaki (KEK)

**Session Classification:** Accelerator Plenary

Contribution ID: 264

Type: **not specified**

## Overview of CLIC system tests

*Tuesday, 23 October 2012 14:00 (20 minutes)*

**Presenter:** CORSINI, Roberto

**Session Classification:** Accelerator Common Topics - System Tests



Contribution ID: 265

Type: **not specified**

## **Plans for the drive beam front-end and CLIC zero outlook**

*Tuesday, 23 October 2012 14:20 (20 minutes)*

**Presenter:** DOEBERT, Steffen

**Session Classification:** Accelerator Common Topics - System Tests

Contribution ID: 266

Type: **not specified**

## 9mA study progress at FLASH

*Tuesday, 23 October 2012 14:40 (20 minutes)*

**Presenter:** Dr MICHIZONO, Shinichiro (KEK)

**Session Classification:** Accelerator Common Topics - System Tests

Contribution ID: **267**

Type: **not specified**

## **STF status and future plan**

*Tuesday, 23 October 2012 15:00 (20 minutes)*

**Presenter:** HAYANO, Hitoshi (KEK)

**Session Classification:** Accelerator Common Topics - System Tests

Contribution ID: 268

Type: **not specified**

## CFS TDR Completion General Discussion.

*Thursday, 25 October 2012 08:30 (2 hours)***Presenters:** Mr CARWARDINE, John (Argonne); Dr ROSS, Marc (SLAC)**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: **269**

Type: **not specified**

## **Potential Near-Surface America's Region - ILC Site**

*Thursday, 25 October 2012 11:00 (30 minutes)*

**Presenter:** Dr ASNER, David (Pacific Northwest National Laboratory)

**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: 270

Type: **not specified**

## Questions and Discussion

*Thursday, 25 October 2012 11:30 (15 minutes)*

**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: 271

Type: **not specified**

## Asian Region Site Investigation Plan in Japan

*Thursday, 25 October 2012 11:45 (30 minutes)*

**Presenter:** Mr MIYAHARA, MASANOBU (KEK)

**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: 272

Type: **not specified**

## **ILC territorial complex on the North of the Moscow Region**

*Thursday, 25 October 2012 12:15 (15 minutes)*

**Presenter:** Prof. SHIRKOV, Grigori (Joint Institute for Nuclear Research)

**Session Classification:** Joint CLIC/ILC Working Group - CFS



Contribution ID: 273

Type: **not specified**

## Americas Region Budget Outlook

*Thursday, 25 October 2012 14:00 (15 minutes)*

**Presenter:** Mr KUCHLER, Victor (Fermilab)

**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: 274

Type: **not specified**

## European Region Budget Outlook

*Thursday, 25 October 2012 14:15 (15 minutes)*

**Presenter:** OSBORNE, John Andrew (CERN)

**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: 275

Type: **not specified**

## Asian Region Budget Outlook

*Thursday, 25 October 2012 14:30 (15 minutes)*

**Presenter:** Dr ENOMOTO, atsushi (KEK)

**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: 276

Type: **not specified**

## Discussion and Planning for the Cost Review

*Thursday, 25 October 2012 14:45 (45 minutes)*

**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: 277

Type: **not specified**

## CFS TDR Cost Estimates Discussion

*Thursday, 25 October 2012 16:00 (1h 30m)*

**Presenters:** DUGAN, Gerald (Cornell University); Dr ROSS, Marc (SLAC)

**Session Classification:** Joint CLIC/ILC Working Group - CFS

Contribution ID: 278

Type: **not specified**

## **ILC Linac Power Losses and Possible Efficiency Improvements**

*Tuesday, 23 October 2012 11:00 (20 minutes)*

**Presenter:** Dr FUKUDA, Shigeki (KEK)

**Session Classification:** Accelerator Plenary

Contribution ID: 279

Type: **not specified**

## CLIC Power and Energy

*Tuesday, 23 October 2012 11:20 (30 minutes)*

**Presenter:** LEBRUN, Philippe (CERN)

**Session Classification:** Accelerator Plenary

Contribution ID: **280**

Type: **not specified**

## **ILC Power Load and States of Operation**

*Tuesday, 23 October 2012 11:50 (20 minutes)*

**Presenter:** WIELGOS, Randal (Fermilab)

**Session Classification:** Accelerator Plenary



Contribution ID: **281**

Type: **not specified**

# **Asian ILC Site Power Load and States of Operation**

*Tuesday, 23 October 2012 12:10 (20 minutes)*

**Presenter:** Dr ENOMOTO, atsushi (KEK)

**Session Classification:** Accelerator Plenary

Contribution ID: **282**

Type: **not specified**

## **ILC Cryogenic Power Load and States of Operation**

*Tuesday, 23 October 2012 12:30 (20 minutes)*

**Presenter:** Prof. YAMAMOTO, Akira (KEK)

**Session Classification:** Accelerator Plenary

Contribution ID: **283**

Type: **not specified**

## **ILC Cost Methodology**

*Tuesday, 23 October 2012 14:00 (15 minutes)*

**Presenter:** DUGAN, Gerald (Cornell University)

**Session Classification:** Accelerator Common Topics - Project and Cost Schedule Basis

Contribution ID: **284**

Type: **not specified**

## ILC Cost Basis

*Tuesday, 23 October 2012 14:15 (15 minutes)*

**Presenter:** DUGAN, Gerald (Cornell University)

**Session Classification:** Accelerator Common Topics - Project and Cost Schedule Basis

Contribution ID: 285

Type: **not specified**

## Status of ttH analysis

*Wednesday, 24 October 2012 14:05 (10 minutes)*

**Presenter:** Mr PRICE, Tony (University of Birmingham)

**Session Classification:** ILD Concept

Contribution ID: **286**

Type: **not specified**

## **ILC Schedule**

*Tuesday, 23 October 2012 14:30 (15 minutes)*

**Presenter:** GASTAL, Martin (CERN)

**Session Classification:** Accelerator Common Topics - Project and Cost Schedule Basis

Contribution ID: **287**

Type: **not specified**

## Status of ZHH analysis

*Wednesday, 24 October 2012 14:20 (10 minutes)*

**Presenter:** Mr TIAN, Junping (KEK)

**Session Classification:** ILD Concept

Contribution ID: 288

Type: **not specified**

## CLIC schedule and cost studies

*Tuesday, 23 October 2012 14:45 (45 minutes)*

**Presenter:** LEBRUN, Philippe (CERN)

**Session Classification:** Accelerator Common Topics - Project and Cost Schedule Basis



Contribution ID: **289**

Type: **not specified**

## **Status of nunuH analysis**

*Wednesday, 24 October 2012 14:35 (10 minutes)*

**Presenter:** Dr ONO, Hiroaki (Nippon Dental University)

**Session Classification:** ILD Concept

Contribution ID: **290**

Type: **not specified**

## **Status of WW analysis**

*Wednesday, 24 October 2012 14:50 (10 minutes)*

**Presenter:** Dr ROSCA, Aura (DESY)

**Session Classification:** ILD Concept

Contribution ID: 291

Type: **not specified**

## ILD benchmarking and analysis

**Presenters:** Prof. THOMSON, Mark (University of Cambridge); BERGGREN, Mikael (DESY Hamburg); TANABE, Tomohiko (The University of Tokyo)

Contribution ID: **292**

Type: **not specified**

## Status of top physics

*Wednesday, 24 October 2012 15:05 (10 minutes)*

**Presenter:** POESCHL, Roman (LAL Orsay)

**Session Classification:** ILD Concept

Contribution ID: 293

Type: **not specified**

## KCS big pipe results

*Thursday, 25 October 2012 11:40 (10 minutes)*

**Presenter:** ADOLPHSEN, Chris (SLAC)

**Session Classification:** Joint CLIC/ILC Working Group - RF Structure/Technologies

Contribution ID: 294

Type: **not specified**

## Beam polarization studies with single bosons

*Tuesday, 23 October 2012 10:20 (10 minutes)***Presenter:** Dr WILSON, Graham (KU)**Session Classification:** Int/MDI/Pol

Contribution ID: 295

Type: **not specified**

# Accelerating Structures Wakefields Measurement at FACET

*Thursday, 25 October 2012 11:50 (25 minutes)***Presenter:** DE MICHELE, Giovanni (Paul Scherrer Institut (CH))**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: 296

Type: **not specified**

## Higgs / Electroweak Symmetry Breaking

*Friday, 26 October 2012 09:00 (12 minutes)***Presenter:** Dr KANEMURA, Shinya (University of Toyama)**Session Classification:** Physics and Detectors Plenary



Contribution ID: **297**

Type: **not specified**

## **Top / QCD / Loopverein**

*Friday, 26 October 2012 09:12 (12 minutes)*

**Presenter:** Dr RODRIGO, German

**Session Classification:** Physics and Detectors Plenary

Contribution ID: 298

Type: **not specified**

## Simulation / Detector Performance / Reconstruction

*Friday, 26 October 2012 09:24 (12 minutes)***Presenter:** GAEDE, Frank (DESY)**Session Classification:** Physics and Detectors Plenary

Contribution ID: 299

Type: **not specified**

## Detector Integration / MDI / Polarization

*Friday, 26 October 2012 09:36 (12 minutes)*

**Presenter:** BECKMANN, Moritz (DESY)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: **300**Type: **not specified**

## Tracking / Vertex

*Friday, 26 October 2012 09:48 (12 minutes)*

**Presenters:** KAMINSKI, Jochen (University of Bonn); KAMINSKI, Jochen (Physikalisches Institut-Universität Bonn)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: **301**

Type: **not specified**

## Calorimetry / Muons

*Friday, 26 October 2012 10:00 (12 minutes)*

**Presenter:** BILKI, Burak (University of Iowa-Unknown-Unknown)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: **302**

Type: **not specified**

## **Gamma-gamma**

*Friday, 26 October 2012 10:12 (12 minutes)*

**Presenter:** Prof. TELNOV, Valery (Budker INP, Novosibirsk)

**Session Classification:** Physics and Detectors Plenary

Contribution ID: **303**Type: **not specified**

## Test Beam Line at CTF3

*Thursday, 25 October 2012 12:15 (15 minutes)*

**Presenters:** ADLI, Erik (EPF group-Department of Physics-University of Oslo); DOEBERT, Stefan

**Session Classification:** Joint CLIC/ILC Working Group - Beam Dynamics

Contribution ID: **304**

Type: **not specified**

## **Farewell!!**

*Friday, 26 October 2012 12:10 (10 minutes)*

**Presenter:** YU, Jaehoon (University of Texas at Arlington)

**Session Classification:** Closing Plenary