

Electron Accelerator R&D for the Energy Frontier

Report of Contributions

Contribution ID: 0

Type: **not specified**

ILC Outreach Activities

Presenters: Mrs WARMBEIN, Barbara (DESY); Dr ROYOLE-DEGIEUX, Perrine (LAL/IN2P3)

Contribution ID: 1

Type: **not specified**

Introduction

Tuesday, 16 May 2006 09:15 (30 minutes)

Primary authors: Dr GUIGNARD, Gilbert (CERN); Dr WALKER, Nicholas (DESY)

Presenters: Dr GUIGNARD, Gilbert (CERN); Dr WALKER, Nicholas (DESY)

Session Classification: EUROTeV I

Contribution ID: 2

Type: **not specified**

WP2: Beam Delivery System

Tuesday, 16 May 2006 09:45 (45 minutes)

Presenter: Dr ANGAL-KALININ, Deepa (CCLRC Daresbury)

Session Classification: EUROTev I

Contribution ID: 3

Type: **not specified**

WP3: Damping Rings

Tuesday, 16 May 2006 11:00 (45 minutes)

Presenter: Dr GUIDUCCI, Susanna (INFN)

Session Classification: EUROTev II

Contribution ID: 4

Type: **not specified**

WP4: Polarised Positron Source

Tuesday, 16 May 2006 11:45 (45 minutes)

Presenter: Dr CLARKE, Jim (CCLRC Daresbury Lab)

Session Classification: EUROTev II

Contribution ID: 5

Type: **not specified**

WP5: Diagnostics

Tuesday, 16 May 2006 13:30 (45 minutes)

Presenter: Dr BLAIR, Grahame (Royal Holloway)

Session Classification: EUROTev III

Contribution ID: 6

Type: **not specified**

WP6: Integrated Luminosity Performance Studies

Tuesday, 16 May 2006 14:15 (45 minutes)

Presenter: Dr SCHULTE, Daniel (CERN)

Session Classification: EUROTev III

Contribution ID: 7

Type: **not specified**

WP7: Metrology and Stabilisation

Tuesday, 16 May 2006 15:30 (45 minutes)

Presenter: Dr KARYOTAKIS, Yannis (LAPP)

Session Classification: EUROTev IV

Contribution ID: 8

Type: **not specified**

WP8: Global Accelerator Network Multipurpose Virtual Laboratory

Tuesday, 16 May 2006 16:15 (45 minutes)

Presenter: Dr WILLEKE, Ferdi (DESY)

Session Classification: EUROTev IV

Contribution ID: 9

Type: **not specified**

Discussion

Tuesday, 16 May 2006 17:00 (1 hour)

Presenter: Dr ELSEN, Eckhard (DESY)

Session Classification: EUROTev IV

Contribution ID: **10**

Type: **not specified**

HERA as an ILC Damping Ring

Wednesday, 17 May 2006 09:20 (30 minutes)

Possible use of the HERA Electron Ring in Conjunction with the ILC Damping Rings

Primary author: Dr WILLEKE, Ferdinand (DESY)

Presenter: Dr WILLEKE, Ferdinand (DESY)

Session Classification: Summaries

Contribution ID: 11

Type: **not specified**

ILC Options for FP7

Wednesday, 17 May 2006 09:50 (30 minutes)

Presenter: Dr ELSEN, Eckhard (DESY)

Session Classification: Summaries

Contribution ID: 12

Type: **not specified**

Discussion

Wednesday, 17 May 2006 10:20 (30 minutes)

Presenter: Dr ELSÉN, Eckhard (DESY)

Session Classification: Summaries

Contribution ID: 13

Type: **not specified**

Preparation for FP7

Contribution ID: 14

Type: **not specified**

An SC RF Facility at CERN ?

Contribution ID: 15

Type: **not specified**

An SC RF Facility at CERN ?

Monday, 15 May 2006 11:00 (25 minutes)

Presenter: Dr LILJE, Lutz (DESY)

Session Classification: ELAN Plenary II

Contribution ID: **19**

Type: **not specified**

ANAD

Contribution ID: 20

Type: **not specified**

Normal Conducting

Contribution ID: 21

Type: **not specified**

Supra Technology

Contribution ID: 22

Type: **not specified**

Beam Dynamics and Instrumentation

Contribution ID: 23

Type: **not specified**

General presentation of EuroLEAP

Tuesday, 16 May 2006 09:15 (30 minutes)

Presenter: CROS, Brigitte (LPGP-CNRS)

Session Classification: EUROLEAP Kick-Off I

Contribution ID: 24

Type: **not specified**

Presentation of WP objectives: Part 2

Tuesday, 16 May 2006 11:00 (30 minutes)

Session Classification: EUROLEAP Kick-Off II

Contribution ID: 25

Type: **not specified**

Discussion of work coordination: Part 1

Tuesday, 16 May 2006 11:30 (1 hour)

Plan for 2006-2007

Session Classification: EUROLEAP Kick-Off II

Contribution ID: 26

Type: **not specified**

Discussion of work coordination: Part 2

Tuesday, 16 May 2006 13:30 (1h 30m)

Plan for 2006-2007

Session Classification: EUROLEAP Kick-Off III

Contribution ID: 27

Type: **not specified**

Status of the work at TUE

Monday, 15 May 2006 15:30 (25 minutes)

Presenter: Dr BRUSSAARD, Seth (Technical University Eindhoven)

Session Classification: ANAD

Contribution ID: 28

Type: **not specified**

Pre-formed channels for laser-plasma accelerators

Monday, 15 May 2006 15:55 (25 minutes)

Presenter: Dr LOPES, Nelson (Instituto Superior Tecnico)

Session Classification: ANAD

Contribution ID: 29

Type: **not specified**

Demonstration of the generation of GeV electron beams from a plasma accelerator driven in a capillary discharge waveguide

Monday, 15 May 2006 16:20 (25 minutes)

Presenter: Dr HOOKER, Simon (University of Oxford)

Session Classification: ANAD

Contribution ID: **30**

Type: **not specified**

Presentation of WP objectives: Part 1

Tuesday, 16 May 2006 09:45 (45 minutes)

Session Classification: EUROLEAP Kick-Off I

Contribution ID: 31

Type: **not specified**

Scalings for multi-GeV laser-plasma accelerators and recent progresses in numerical modeling

Monday, 15 May 2006 17:10 (25 minutes)

Presenter: Dr SILVA, Luis (Instituto Superior Tecnico)

Session Classification: ANAD

Contribution ID: 32

Type: **not specified**

Status of the ALPHA-X project

Monday, 15 May 2006 17:35 (25 minutes)

Presenter: Dr JAROSZYNSKI, Dino (University of Strathclyde)

Session Classification: ANAD

Contribution ID: 33

Type: **not specified**

Preparation of a database on laser-plasma acceleration

Monday, 15 May 2006 18:00 (30 minutes)

Presenter: Dr CROS, Brigitte (Universite Paris-Sud)

Session Classification: ANAD

Contribution ID: 34

Type: **not specified**

Outreach and Communication at the ILC

Presenters: Mrs WARMBEIN, Barbara (DESY); Dr ROYOLE-DEGIEUX, Perrine (LAL/IN2P3)

Contribution ID: 35

Type: **not specified**

Discussion of organisation

Tuesday, 16 May 2006 15:30 (1h 15m)

IP, publication, communication, budget rules...

Presenter: CROS, Brigitte (LPGP-CNRS)

Session Classification: EUROLEAP Kick-Off IV

Contribution ID: **36**

Type: **not specified**

Summing-up

Tuesday, 16 May 2006 16:45 (15 minutes)

Session Classification: EUROLEAP Kick-Off IV

Contribution ID: 37

Type: **not specified**

Management meetings

Tuesday, 16 May 2006 17:15 (1h 30m)

Session Classification: EUROLEAP Kick-Off IV

Contribution ID: 39

Type: **not specified**

Acoustic vibrations of the quadrupole prototype

Monday, 15 May 2006 15:30 (30 minutes)

Presenter: BOLZON, Benoit (LAPP-Annecy)

Session Classification: LTECNC

Contribution ID: 40

Type: **not specified**

Feedback on a large scale quadrupole prototype

Monday, 15 May 2006 16:00 (30 minutes)

Presenter: BRUNETTI, Laurent (LAPP-Annecy)

Session Classification: LTECNC

Contribution ID: 41

Type: **not specified**

Site characterization and vibration studies of the superconducting magnets

Monday, 15 May 2006 16:30 (30 minutes)

live from DESY

Presenters: Dr BERTOLINI, Alessandro (DESY); Dr AMIRIKAS, Ramila (DESY)

Session Classification: LTECNC

Contribution ID: 42

Type: **not specified**

LiCAS

by Dr.A.Reichold

Contribution ID: 43

Type: **not specified**

StaFF: laser-based Final Focus Stabilization

Monday, 15 May 2006 17:30 (30 minutes)

Presenter: Dr URNER, David (Oxford)

Session Classification: LTECNC

Contribution ID: 44

Type: **not specified**

LiCAS : Linear Collider Alignment and Survey

Monday, 15 May 2006 17:00 (30 minutes)

Presenter: Dr REICHOLD, Armin (Oxford)

Session Classification: LTECNC

Contribution ID: 45

Type: **not specified**

Introduction

Monday, 15 May 2006 09:00 (15 minutes)

Session Classification: ELAN Plenary I

Contribution ID: 46

Type: **not specified**

Laser plasma accelerators: achievements and plans

Monday, 15 May 2006 09:15 (20 minutes)

Presenter: Dr CROS, Brigitte (LPGP/Orsay)

Session Classification: ELAN Plenary I

Contribution ID: 47

Type: **not specified**

Progress and plans on warm cavity technology

Monday, 15 May 2006 09:40 (20 minutes)

Presenter: Dr CALATRONI, Sergio (CERN)

Session Classification: ELAN Plenary I

Contribution ID: 48

Type: **not specified**

Summary of the workshop on polarized positron source based on Compton back scattering

Monday, 15 May 2006 10:05 (20 minutes)

Presenter: Dr RINOLFI, Louis (CERN)

Session Classification: ELAN Plenary I

Contribution ID: 49

Type: **not specified**

Achievements and plans for INSTR+BDYN

Contribution ID: 50

Type: **not specified**

Achievements and plans for Instrumentation and Beam Dynamics

Monday, 15 May 2006 11:30 (25 minutes)

Presenter: Dr SHULTE, Daniel (CERN)

Session Classification: ELAN Plenary II

Contribution ID: 51

Type: **not specified**

ILC Communication Efforts

Wednesday, 17 May 2006 09:00 (20 minutes)

Presenters: Mrs WARMBEIN, Barbara (DESY); Dr ROYOLE-DEGIEUX, Perrine (LAL/IN2P3)

Session Classification: Summaries

Contribution ID: 52

Type: **not specified**

Energy Spectrometer for the ILC

Monday, 15 May 2006 15:30 (20 minutes)

Presenter: LIAPINE, Alexei (UCL)

Session Classification: INSTR and BDYN

Contribution ID: 53

Type: **not specified**

Performance optimisation and optics design studies for the e-e- option at the ILC

Monday, 15 May 2006 15:50 (20 minutes)

Presenter: ALABAU, Maria (Valencia/LAL)

Session Classification: INSTR and BDYN

Contribution ID: 54

Type: **not specified**

Extraction line design studies

Monday, 15 May 2006 16:10 (20 minutes)

Presenter: APPLEBY, Robert (CI / Manchester)

Session Classification: INSTR and BDYN

Contribution ID: 55

Type: **not specified**

Progress with large-scale simulations of back-scattered photons and electrons from beam losses in the extraction line

Monday, 15 May 2006 16:30 (20 minutes)

Presenter: DADOUN, Olivier (LAL)

Session Classification: INSTR and BDYN

Contribution ID: 56

Type: **not specified**

Extraction Line Studies and BDSIM Code Improvements

Monday, 15 May 2006 16:50 (20 minutes)

Presenter: CARTER, John (JAI / RHUL)

Session Classification: INSTR and BDYN

Contribution ID: 57

Type: **not specified**

New progress of the nonlinear collimation system for CLIC

Monday, 15 May 2006 17:10 (20 minutes)

Presenter: Dr FAUS GOLFE, Angeles (IFIC)

Session Classification: INSTR and BDYN

Contribution ID: 58

Type: **not specified**

ILC beam-based feedback development

Monday, 15 May 2006 17:30 (20 minutes)

Presenter: BURROWS, Phillip (JAI/ Oxford)

Session Classification: INSTR and BDYN

Contribution ID: 59

Type: **not specified**

See <a href="http://ilcagenda.cern.ch/conferenceDisplay.py?confId=548" of Mini Workshop on Head-on IR

Wednesday, 17 May 2006 15:00 (20 minutes)

Session Classification: EUROTev Mini Workshop on Head-on IR

Contribution ID: **60**

Type: **not specified**

New Infrastructures for FP7

Monday, 15 May 2006 13:30 (10 minutes)

Presenter: Prof. RICHARD, Francois (LAL)

Session Classification: ELAN Plenary III

Contribution ID: **61**

Type: **not specified**

Infrastructures for R&D on SC available at CERN

Monday, 15 May 2006 13:40 (20 minutes)

Presenter: Dr CALATRONI, Sergio (CERN)

Session Classification: ELAN Plenary III

Contribution ID: **62**

Type: **not specified**

Possible synergy with R&D for protons

Monday, 15 May 2006 14:00 (20 minutes)

Presenter: Dr DELAHAYE, Jean-Pierre (CERN)

Session Classification: ELAN Plenary III

Contribution ID: **63**

Type: **not specified**

The ELI proposal

Monday, 15 May 2006 14:20 (20 minutes)

Presenter: Dr MALKA, Victor (LOA)

Session Classification: ELAN Plenary III

Contribution ID: **64**

Type: **not specified**

Questions and issues on an new IS for SCRF

Monday, 15 May 2006 14:40 (15 minutes)

Presenter: Dr LILJE, Lutz (DESY)

Session Classification: ELAN Plenary III

Contribution ID: 65

Type: **not specified**

Proposals for JRA

Monday, 15 May 2006 14:55 (5 minutes)

Presenter: Prof. RICHARD, Francois (LAL)

Session Classification: ELAN Plenary III