

ECL2 Workshop



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome, Motivation & Objectives

Thursday 1 March 2007 09:00 (10 minutes)

Author: MYERS, Steve (CERN)

Presenter: MYERS, Steve (CERN)

Session Classification: Overview and Simulations

Contribution ID: 1

Type: **not specified**

Remarks & Workshop Organization

Thursday 1 March 2007 09:10 (10 minutes)

Authors: ZIMMERMANN, Frank (AB/ABP); CASPERS, Fritz (CERN)

Presenters: ZIMMERMANN, Frank (AB/ABP); CASPERS, Fritz (CERN)

Session Classification: Overview and Simulations

Contribution ID: 2

Type: **not specified**

Update on e-cloud simulations for LHC injectors & grooves simulations

Thursday 1 March 2007 09:20 (20 minutes)

Author: Dr VENTURINI, marco (LBNL)

Presenter: VENTURI, Marco

Session Classification: Overview and Simulations

Contribution ID: 3

Type: **not specified**

Questions

Thursday 1 March 2007 09:40 (10 minutes)

Session Classification: Overview and Simulations

Contribution ID: 4

Type: **not specified**

e-cloud instability in the SPS and SPS+

Thursday 1 March 2007 09:50 (20 minutes)

Author: RUMOLO, Giovanni (CERN)

Presenter: RUMOLO, Giovanni

Session Classification: Overview and Simulations

Contribution ID: 5

Type: **not specified**

Questions

Thursday 1 March 2007 10:10 (10 minutes)

Session Classification: Overview and Simulations

Contribution ID: 6

Type: **not specified**

e-cloud suppression for the ILC damping ring and tests in PEP-II

Thursday 1 March 2007 10:20 (20 minutes)

Author: PIVI, Mauro (Universita degli Studi di Torino)

Presenter: PIVI, Mauro

Session Classification: Overview and Simulations

Contribution ID: 7

Type: **not specified**

Questions

Thursday 1 March 2007 10:40 (10 minutes)

Session Classification: Overview and Simulations

Contribution ID: 8

Type: **not specified**

Experience with Ion Clearing Electrodes at AA and EPA

Thursday 1 March 2007 11:15 (20 minutes)

Author: PONCET, Alain (CERN)

Presenter: PONCET, Alain (CERN)

Session Classification: Technological solutions I

Contribution ID: 9

Type: **not specified**

Questions

Thursday 1 March 2007 11:35 (10 minutes)

Session Classification: Technological solutions I

Contribution ID: 10

Type: **not specified**

Vitreous enamel - an efficient material component

Thursday 1 March 2007 11:45 (20 minutes)

Authors: Dr WENDEL, Jörg (Wendel Email); Prof. HELLMOLD, Peter (University Clausthal Zellerfeld)

Presenters: WENDEL, Joerg; HELLMOLD, Peter

Session Classification: Technological solutions I

Contribution ID: 11

Type: **not specified**

Questions

Thursday 1 March 2007 12:05 (10 minutes)

Session Classification: Technological solutions I

Contribution ID: 12

Type: **not specified**

Vitreous enamel - foundations, production, applications and CERN tests

Thursday 1 March 2007 12:15 (20 minutes)

Author: Mr BEHLER, Franz-Josef (Eisenwerke F. W. Dueker GmbH & Co. KGaA)

Presenter: BEHLER, Franz-Josef

Session Classification: Technological solutions I

Contribution ID: 13

Type: **not specified**

Questions

Thursday 1 March 2007 12:35 (10 minutes)

Session Classification: Technological solutions I

Contribution ID: 14

Type: **not specified**

NEG coating

Thursday 1 March 2007 14:15 (20 minutes)

Author: CHIGGIATO, Paolo (CERN)

Presenter: CHIGGIATO, Paolo (CERN)

Session Classification: Technological solutions II

Contribution ID: 15

Type: **not specified**

Questions

Thursday 1 March 2007 14:35 (10 minutes)

Session Classification: Technological solutions II

Contribution ID: 16

Type: **not specified**

SEY and Clearing studies at KEKB

Thursday 1 March 2007 14:45 (20 minutes)

Author: Dr SUETSUGU, Yusuke (KEK)

Presenter: Dr SUETSUGU, Yusuke (KEK)

Session Classification: Technological solutions II

Contribution ID: 17

Type: **not specified**

Questions

Thursday 1 March 2007 15:05 (10 minutes)

Session Classification: Technological solutions II

Contribution ID: 19

Type: **not specified**

Questions

Thursday 1 March 2007 15:35 (10 minutes)

Session Classification: Technological solutions II

Contribution ID: 20

Type: **not specified**

Simulations of grooves, slots & build up with Faktor2

Thursday 1 March 2007 16:10 (20 minutes)

Author: BRUNS, Warner (Technische Universitaet Berlin)

Presenter: BRUNS, Warner (Technische Universitaet Berlin)

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: 21

Type: **not specified**

Questions

Contribution ID: 22

Type: **not specified**

Questions

Thursday 1 March 2007 16:30 (10 minutes)

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: 23

Type: **not specified**

Coupled e-ion maps & extracting the molecular desorption yield

Thursday 1 March 2007 16:40 (20 minutes)

Author: IRISO, Ubaldo (Unknown)

Presenter: IRISO, Ubaldo

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: 24

Type: **not specified**

Questions

Contribution ID: 25

Type: **not specified**

Questions

Contribution ID: 26

Type: **not specified**

Questions

Thursday 1 March 2007 17:00 (10 minutes)

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: 27

Type: **not specified**

Simulation progress and plans at Rostock/DESY

Thursday 1 March 2007 17:30 (20 minutes)

Authors: Mr MARKOVIC, Aleksandar (Rostock University); Dr PÖPLAU, Gisela (Rostock University)

Presenters: MARKOVIK, Aleksandar; POEPLAU, Gisela

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: 28

Type: **not specified**

Questions

Thursday 1 March 2007 17:50 (10 minutes)

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: 29

Type: **not specified**

Discussion of first day

Thursday 1 March 2007 18:00 (1 hour)

Author: SHAPOSHNIKOVA, Elena (AB/RF CERN)

Presenter: SHAPOSHNIKOVA, Elena

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: 30

Type: **not specified**

Clearing voltages & Solenoids at SPS damper pick up

Friday 2 March 2007 09:00 (20 minutes)

Author: HOFLE, Wolfgang (CERN)

Presenter: HOFLE, Wolfgang (CERN)

Session Classification: Beam measurements I

Contribution ID: 31

Type: **not specified**

Questions

Friday 2 March 2007 09:20 (10 minutes)

Session Classification: Beam measurements I

Contribution ID: 32

Type: **not specified**

Experimental results with NEG coating in the SPS

Friday 2 March 2007 09:30 (20 minutes)

Author: ROSSI, Adriana (CERN)

Presenter: ROSSI, Adriana (CERN)

Session Classification: Beam measurements I

Contribution ID: 33

Type: **not specified**

Questions

Friday 2 March 2007 09:50 (10 minutes)

Session Classification: Beam measurements I

Contribution ID: 34

Type: **not specified**

Sparking of SPS el-stat. septa in presence of e-cloud

Friday 2 March 2007 10:00 (20 minutes)

Author: CORNELIS, Karel (CERN)

Presenter: CORNELIS, Karel (CERN)

Session Classification: Beam measurements I

Contribution ID: 35

Type: **not specified**

Questions

Friday 2 March 2007 10:20 (10 minutes)

Session Classification: Beam measurements I

Contribution ID: 36

Type: **not specified**

Clearing electrodes in DAFNE

Friday 2 March 2007 10:55 (20 minutes)

Author: Dr ZOBOV, Mikhail (INFN LNF)

Presenter: ZOBOV, Mikhail

Session Classification: Beam measurements II

Contribution ID: 37

Type: **not specified**

Questions

Friday 2 March 2007 11:15 (10 minutes)

Session Classification: Beam measurements II

Contribution ID: **38**

Type: **not specified**

e-cloud observations & cures at RHIC

Friday 2 March 2007 11:25 (20 minutes)

Author: Dr FISCHER, Wolfram (BNL)

Presenter: Dr FISCHER, Wolfram (BNL)

Session Classification: Beam measurements II

Contribution ID: 39

Type: **not specified**

Questions

Friday 2 March 2007 11:45 (10 minutes)

Session Classification: Beam measurements II

Contribution ID: 40

Type: **not specified**

Heat load in ANKA s.c. undulator

Friday 2 March 2007 11:55 (20 minutes)

Author: Dr CASALBUONI, Sara (Forschungszentrum Karlsruhe)

Presenter: CASALBUONI, Sara

Session Classification: Beam measurements II

Contribution ID: 41

Type: **not specified**

Questions

Friday 2 March 2007 12:15 (10 minutes)

Session Classification: Beam measurements II

Contribution ID: 42

Type: **not specified**

Impedance of clearing electrodes with GdfidL

Friday 2 March 2007 13:25 (20 minutes)

Author: BRUNS, Warner (Technische Universitaet Berlin)

Presenter: BRUNS, Warner (Technische Universitaet Berlin)

Session Classification: Impedance issues

Contribution ID: 43

Type: **not specified**

Questions

Friday 2 March 2007 13:45 (10 minutes)

Session Classification: Impedance issues

Contribution ID: 44

Type: **not specified**

Impedance of clearing electrodes with HFSS

Friday 2 March 2007 13:55 (20 minutes)

Authors: CASPERS, Fritz (CERN); KROYER, Tom (Unknown)

Presenters: CASPERS, Fritz (CERN); KROYER, Tom (Unknown)

Session Classification: Impedance issues

Contribution ID: 45

Type: **not specified**

Questions

Friday 2 March 2007 14:15 (10 minutes)

Session Classification: Impedance issues

Contribution ID: 46

Type: **not specified**

Electron Cloud Studies at CESR-c and CEsrTA

Friday 2 March 2007 15:25 (20 minutes)

A program to characterize electron cloud build-up in the Cornell Electron Storage Ring has recently begun. I will provide a brief overview of the work that has been done to date and describe future plans to use CESR as a test accelerator for the International Linear Collider (ILC) Damping Rings. As part of this program we plan to study the impact of the electron cloud on ultra-low emittance beams and will undertake measurements of electron cloud growth and suppression in the CESR-c wigglers which were selected for the baseline ILC design.

Author: Dr PALMER, Mark (Cornell University, CLASSE)

Presenter: PALMER, Mark

Session Classification: Studies, designs and plans

Contribution ID: 47

Type: **not specified**

Questions

Friday 2 March 2007 15:45 (10 minutes)

Session Classification: Studies, designs and plans

Contribution ID: 48

Type: **not specified**

How the electron multipacting may affect the ILC vacuum design

Thursday 1 March 2007 15:15 (20 minutes)

Author: Dr MALYSHEV, Oleg (ASTeC, Daresbury Laboratory)

Presenter: MALYSHEV, Oleg

Session Classification: Technological solutions II

Contribution ID: 49

Type: **not specified**

Questions

Friday 2 March 2007 16:15 (10 minutes)

Session Classification: Studies, designs and plans

Contribution ID: 50

Type: **not specified**

Resonator e-cloud measurements

Friday 2 March 2007 15:55 (20 minutes)

Author: IRISO, Ubaldo (Unknown)

Presenter: IRISO, Ubaldo (Unknown)

Session Classification: Studies, designs and plans

Contribution ID: 51

Type: **not specified**

Discussion

Friday 2 March 2007 16:50 (1h 10m)

Session Classification: Studies, designs and plans

Contribution ID: 52

Type: **not specified**

Possibly short summaries from each session chair

Friday 2 March 2007 18:00 (1 hour)

Session Classification: Studies, designs and plans

Contribution ID: 53

Type: **not specified**

NEG Coating Laboratory Visit

Wednesday 28 February 2007 17:30 (1 hour)

Guided Tour

Session Classification: SOCIAL EVENTS

Contribution ID: 54

Type: **not specified**

Welcome Drink

Wednesday 28 February 2007 19:00 (2 hours)

Venue: Main building - Restaurant Novae

Session Classification: SOCIAL EVENTS

Contribution ID: 55

Type: **not specified**

Attempt to Measure the Influence of NEG Coating on Impedance

Friday 2 March 2007 14:25 (20 minutes)

Author: PERRON, Thomas (ESRF)

Presenter: PERRON, Thomas (ESRF)

Session Classification: Impedance issues

Contribution ID: 56

Type: **not specified**

Questions

Friday 2 March 2007 14:45 (10 minutes)

Session Classification: Impedance issues

Contribution ID: 57

Type: **not specified**

Maps for Electron Cloud in LHC Dipoles

Thursday 1 March 2007 17:10 (10 minutes)

Author: Dr DEMMA, Theo (Univeristy of Sannio)

Presenter: Dr DEMMA, Theo (Univeristy of Sannio)

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: **60**

Type: **not specified**

Questions

Thursday 1 March 2007 17:20 (10 minutes)

Session Classification: Simulation code development, results, and analytical treatments

Contribution ID: **61**

Type: **not specified**

Resistive Wall Wakes and Clearing Electrodes

Friday 2 March 2007 14:55 (20 minutes)

Author: WANZENBERG, Rainer (DESY)

Presenter: WANZENBERG, Rainer (DESY)

Session Classification: Impedance issues

Contribution ID: 62

Type: **not specified**

Questions

Friday 2 March 2007 15:15 (10 minutes)

Session Classification: Impedance issues