

IWLC 2010 – Geneva CICG

- Accelerator Design and Integration – AD & I Sessions
- Joint Plenary Tuesday 19.10
 - 09:30 Basic considerations on LC lumi & energy needs (up to 3 TeV) (25') Jim Brau
 - 10:00 Low energy running for CLIC (25') Daniel Schulte
 - 10:45 SB2009/ Low energy running for ILC (25') Andrei Seryi
 - 11:15 Discussion (1h00')

IWLC 2010 Acc Plenary

- Afternoon Tuesday 19.10
 - R & D reports
 - SRF, ATF, CesrTA, FLASH, +...
 - + CDR / TDR summary
- Morning Friday 22.10
 - WG Summaries
- CLIC-Specific presentations omitted in this AD & I Summary

AD & I Parallel Sessions WG 1 e+/e-

- 20.10 08h30: L. Rinolfi: Welcome to Sources working group
- 09h00: J. Clarke: ILC e- and e+ sources overview
- 09h30: L. Rinolfi: CLIC e- and e+ sources overview
- 10h00: J. Clarke: ILC/CLIC e+ generation working group
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- 21.10 11h00: M. Kuriki: Review of the risks for e+ sources (Webex)

AD & I Parallel Sessions WG-2 DR

– 20.10 Wednesday

RF systems (Common with WG8, 3 and 4), Chaired by A.		
16:10	Introduction	S. Guiducci, INFN
16:15	Transient beam loading correction at ATF and ILC DR	K. Kubo, KEK
16:40	RF system issues due to pulsed beam in ILC DR	S. Belomestnykh, Cornell
17:05	Conceptual design of the CLIC damping rings RF system	A. Grudiev, CERN
17:30	Discussion on 50% duty cycle operation of the ILC DR and synergies with CLIC DR RF design	ALL

AD & I Parallel Sessions WG 2 DR

- 21.10 Thursday

E-cloud, Chaired by G. Rumolo

11:00	Electron Cloud instability measurements	M. Billing, Cornell
11:30	Electron cloud mitigation at CESRTA	M. Palmer, Cornell
12:00	Recommendation on ILC DR EC mitigation	M. Pivi, SLAC

AD & I Parallel Sessions WG – 3 SRF

Main Linac tunnel configuration		
Joint with WG9 (CFS)		
Conveners:	V. Kuchler, J. Osborne, A. Enomoto	
	H. Hayano, C. Pagani, C. Nantista	
(Oct 20, 16:00 - 18:00)		
Time	Topics	Presenters
16:00 - 18:00		
30min	Design Progress for Asian Single Tunnel Configuration	M. Miyahara
30min	Review of Main Linac Tunnel Dimensioning	A. Enomoto
60min	General Discussion to establish Main Linac Tunnel Dimensioning	All

AD & I Parallel Sessions WG – 5 BDS

20.10

08:30->10:00 Accelerator Session: Joint WG 5+9+ECFA (CICG (Room 21 - floor "0"))

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| 08:30 | ILC MDI (20') | |
| 08:50 | CLIC MDI (20') | Lau Gatignon (CERN) |
| 09:10 | IR configuration for the shallow site near Dubna (20') | Andrey Dudarev (Joint Inst. for Nuclear Research (JINR)-Unknown-Unknown) |
| 09:30 | Civil engineering for CLIC MDI (20') | Martin Gastal (CERN) |

10:30->12:30 Accelerator Session: Combined session WG 5 + ECFA (CICG (Room 21 - floor "0"))

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|-------|---|--------------------------------------|
| 10:30 | ILC BDS (20') | Deepa Angal-Kalinin (STFC Daresbury) |
| 10:50 | CLIC BDS (20') | Rogelio Tomas (CERN) |
| 11:10 | ILC luminosity optimisation in the presence of the detector solenoid and anti-DID (20') | Reine Versteegen (CERN Sack) |
| 11:30 | CLIC solenoid and anti-solenoid impact (20') | Barbara Dalena (CERN) |

AD & I Parallel Sessions WG – 9 CFS

19.10

Tuesday **October 19**

1630 – 1830 – Joint Session with WG-5 and ECFA

Pushpull SiD

Pushpull ILD

ILC IF Conventional Facilities Overview - T. Lackowski (30 mins)

IR Configuration for the Shallow Site Near Dubna – A. Dudarev

AD & I Parallel Sessions WG – 9 CFS

20.10

Wednesday October 20

0830 – 1000 – Interaction Region Criteria - **Joint Session with WG – 5 and ECFA**

MDI-ILC

MDI-CLIC

CLIC Interaction Region CES Layout- M. Gastal (30 mins)

General Discussion for Detector Movement - (30 mins)

1600 – 1800 – Main Linac Tunnel Dimensioning - **Joint Session with WG - 3**

Design Progress for Asian Single Tunnel Configuration – M. Miyahara (30 mins)

Review of Main Linac Tunnel Dimensioning – A. Enomoto (30 mins)

General Discussion to Establish Main Linac Tunnel Dimensioning – (60 mins)