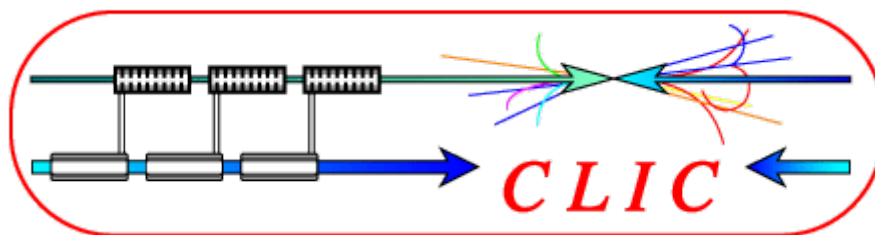


## Session Program

12-16 Oct 2009



## CLIC09 Workshop

### ***WG3 - Beam Physics/Low emittance transport***

CERN, 500/1-001 - Main Auditorium

# Wednesday 14 October

09:00

## WG3 - Beam Physics/Low emittance transport

Session | Location: CERN, 40-S2-C01

09:00–09:20 **Collimation system review**

**Speaker**

Javier Resta Lopez

09:20–09:40 **FFS review, options and tuning**

**Speaker**

Andrei Seryi

09:40–10:00 **Post-Collision line review**

**Speaker**

Edda Gschwendtner

10:00–10:20 **From 500GeV to 3TeV**

**Speaker**

Deepa Angal-Kalinin

10:20–10:30 **Discussion**

10:30–11:00 **coffee break**

11:00–11:15 **BDS collective effects review**

**Speaker**

Giovanni Rumolo

11:15–11:30 **Solenoid and SR effects**

**Speaker**

Barbara Dalena

11:30–11:45 **Polishing collimation optics**

**Speaker**

Mr Frank Jackson

11:45–12:00 **HTGEN and muons in the CLIC BDS**

**Speaker**

Helmut Burkhardt

12:00–12:15 **Dielectric collimators**

**Speaker**

Alexei Kanareykin

12:15–12:30 **Discussion**

12:30–14:00 **lunch**

**14:00-14:15 Beam-beam background estimates****Speaker**

Barbara Dalena

**14:15-14:30 Very Forward Region and Beam-Beam-Background****Speaker**

Andre Philippe Sailer

**14:30-14:45 Electromagnetic background from the spent beamline****Speaker**

Michael Salt

**14:45-15:00 Energy stages overview****Speaker**

Daniel Schulte

**15:00-15:15 Luminosity overview****Speaker**

Roberto Corsini

**15:15-15:30 Risk registry, limitations, solutions and implications****Speaker**

Andrei Seryi

**15:30-16:00 coffee break****16:00-16:10 Introduction****16:10-16:40 Frequency Multiplication system design for the Drive Beam****Speaker**

Caterina Biscari

**16:40-16:50 discussion****16:50-17:10 First calculations on Beam Loading in the CLIC RF deflectors****Speaker**

Dr David Alesini

**17:10-17:20 discussion****17:20-17:40 Ring to Main Linac beam transport****Speaker**

Dr Frank Stulle

**17:40-17:50 discussion**

18:00

# Thursday 15 October

09:00

## WG3 - Beam Physics/Low emittance transport

Session | Location: CERN, 40-S2-C01

09:00-09:20

### How to establish a Straight Line on the Dynamic Curved Surface of the Earth

**Speaker**

Sebastien Guillaume

09:20-09:30

**discussion**

09:30-09:50

### Magnetic Background Issues above 1Hz for CLIC beams

**Speaker**

Cesary Jach

09:50-10:00

**discussion**

10:00-10:20

### Drive Beam Linac Stability Issues

**Speaker**

Avni Aksoy

10:20-10:30

**discussion**

10:30-11:00

**Coffee break**

11:00-11:20

### Long distance Optical Fibers with fs resolution

**Speaker**

Prof. F. Ömer Ilday

11:20-11:30

**discussion**

11:30-11:50

### The Bunch Arrival Time Monitor at the PSI 250 MeV Injector

**Speaker**

Vladimir Arsov

11:50-12:00

**discussion**

12:00-12:20

### Femtosecond optical synchronization system for FLASH

**Speaker**

Dr Matthias Felber

12:20-12:30

**discussion**

12:30-14:00

**lunch**

14:00-14:20

### Status of ATF Damping Ring Low Emittance Performance

**Speaker**

Dr Kiyoshi Kubo

14:20-14:30 **discussion**14:30-14:50 **Status of ATF2****Speaker**

Dr Toshiyuki Okugi

14:50-15:00 **discussion**15:00-15:20 **Status of ultra-low beta proposal at ATF2****Speaker**

Eduardo Marin Lacoma

15:20-15:30 **discussion**15:30-16:00 **break**16:00-16:20 **Beam Phase Monitor for CLIC and CTF3: pick-up design****Speaker**

Dr fabio marcellini

16:20-16:30 **discussion**16:30-16:50 **Drive beam generation in CTF3****Speaker**

Dr Simona Bettoni

16:50-17:00 **discussion**17:00-17:20 **Linear Collider activities at Cesr-TA****Speaker**

Dr Mark Palmer

17:20-17:30 **discussion**17:30-18:00 **Discussion on test facilities future program****Speaker**

Roberto Corsini

18:00