Session Program

Oct 18 – 27, 2017

FCC-ee polarization workshop

Session in 37-R-022

CERN, 37/R-022
Some session will take place in the conference room 376-1-020

Wed, October 18

8:20 AM

Session in 37-R-022

Session | **Location:** CERN, 37/R-022

10:30 – 10:50 AM **Coffee break**

12:30 – 2:00 PM **Lunch break**

2:45 – 3:00 PM **Session I VIDYO conference connection**

Speaker
Alain Blondel

Location
CERN, 37/R-022

3:00 – 3:29 PM **requirements from Z physics**

Speaker
Alain Blondel

Location
CERN, 37/R-022

3:29 – 3:44 PM **requirements from W physics**

Speaker
Paolo Azzurri

Location
CERN, 37/R-022

3:44 – 3:54 PM **requirements at high energy (HZ and tt)**

Location
CERN, 37/R-022

4:05 – 4:25 PM **Coffee break**

4:30 – 4:50 PM **Present status of FCC-ee optics**

Speakers
Katsunobu Oide, Katsunobu Oide

Location
CERN, 37/R-022

4:50 – 5:10 PM **alignments and corrections**

Speaker
Sandra Aumon

Location
CERN, 37/R-022

5:10 – 5:30 PM **Twiss and Coupling Correction at Cornell's CESR e+/e- Storage Ring**

Speaker
David Sagan

Location
CERN, 37/R-022

5:30 – 6:00 PM

transverse polarization performance estimates, effect of wigglers requirement on corrections open questionsrequirement on

Speaker
Eliana Gianfelice-Wendt

Location
CERN, 37/R-022

6:00 – 6:20 PM **discussion and action items**

Location
CERN, 37/R-022

8:25 PM

Fri, October 20

8:30 AM

Session in 37-R-022

Session | **Location:** CERN, 37/R-022

10:00 – 10:20 AM **Coffee break**

12:30 – 2:00 PM **Lunch break**

3:00 – 3:30 PM

systematic errors on the E_CM energy calibration – theoretical issues

Speaker
Dr Anton Bogomyagkov

Location
CERN, 37/R-022

3:30 – 3:50 PM **simulation tools for polarization and energy calibration**

Speaker
Desmond Barber

Location
CERN, 37/R-022

4:00 – 4:20 PM **Coffee break**

4:30 – 4:50 PM **Spin Simulations with the Bmad Toolkit**

Speaker
David Sagan

Location
CERN, 37/R-022

5:00 – 5:20 PM **measurements of RF phase and saw-toothing at FCC-ee**

Speakers
Helga Timko, Mike Hildreth, Mike Hildreth, Wolfgang Hofle

Location
CERN, 37/R-022

5:30 – 5:49 PM **Beam energy spread measurement at FCC-ee**

Speaker
Patrick Janot

Location
CERN, 37/R-022

6:00 – 6:20 PM

determination of energy spread from beam parameters, bunch length, beam sizes

Speakers
Thibaut Lefevre, m Koratzinos

7:50 PM

Location
CERN, 37/R-022

Mon, October 23

8:30 AM

12:30 PM

Session in 37-R-022

Session | **Location:** CERN, 37/R-022

8:30 – 8:50 AM **Coffee break**

Tue, October 24

8:30 AM

12:30 PM

Session in 37-R-022

Session | **Location:** CERN, 37/R-022

Wed, October 25

8:30 AM

Session in 37-R-022

Session | **Location:** CERN, 37/R-022

2:45 – 3:00 PM **VIDYO conference connection**

Speaker
Alain Blondel

3:00 – 3:30 PM **Follow up on energy spread, energy asymmetry, and all that**

Speaker
Patrick Janot

3:30 – 3:50 PM

"Inverse Compton Scattering of Beamstrahlung Radiation on the Oncoming Bunch Particles at FCC-ee"

Speakers
Nickolai Muchnoi, Nickolai Muchnoi, Nikolay Muchnoy

7:30 PM

Thu, October 26

8:30 AM
12:30 PM

Session in 37-R-022

Session | **Location:** CERN, 37/R-022

Fri, October 27

8:30 AM

Session in 37-R-022

Session | **Location:** CERN, 37/R-022

2:45 – 3:00 PM **VIDYO conference connection**

Speaker
Alain Blondel

3:00 – 3:20 PM **Further details and studies on polarimeter/spectrometer**

Speakers
Nickolai Muchnoi, Nickolai Muchnoi, Nikolay Muchnoy

3:20 – 3:50 PM
improvement on baseline running scheme with wigglers and systematic errors as they stand

Speaker
m Koratzinos

3:50 – 4:10 PM **More on Resonant Depolarization in FCC-ee**

Speakers
Ivan Koop, Ivan Koop

4:10 – 4:30 PM **coffee break**

4:30 – 5:00 PM **table of contents and discussion of further studies and R&D**

Speakers
Alain Blondel, Jorg Wenninger

5:00 – 5:20 PM **concluding remarks**

Speaker
Alain Blondel

7:30 PM