Session Program

29 May 2017 to 2 June 2017

FCC Week 2017

FCC-ee

Intercontinental Hotel
Budapester Str. 2, 10787 Berlin, Germany

Wednesday 31 May

08:30

FCC-ee: Review: Optics & instrumentation
Session | **Location:** "Pavillon" | **Convener:** John Seeman

08:30–08:55 **Status of optics**

Speaker
Katsunobu Oide

08:55–09:20 **Overview of optics tuning results and tolerances**

Speaker
Sandra Aumon

09:20–09:40
Emittance measurement using X-ray interferomter and proposal for test in Australian Synchrotron

Speaker
Toshiyuki Mitsuhashi

10:00

10:30

FCC-ee: Review: Machine detector interface
Session | **Location:** "Pavillon" | **Convener:** Katsunobu Oide

10:30–10:55 **MDI status and overview**

Speaker
Manuela Boscolo

10:55–11:15 **MDI: synchrotron radiation protection**

Speaker
Michael Kenneth Sullivan

11:15–11:35 **MDI: trapped modes and other power losses**

Speaker
Alexander Novokhatski

11:35–11:55 **Solenoid copensation scheme & final quadrupole**

Speaker
Evgeny Levichev

12:00

13:30

FCC-ee: Review: Energy calibration & polarization
Session | **Location:** "Pavillon" | **Convener:** Evgeny Levichev

13:30–13:50 **Overview of energy calibration**

Speaker
Alain Blondel

13:50–14:10 **Transverse polarization**

Speaker
Eliana Gianfelice-Wendt

14:10–14:30 **Resonant depolarization process and systematic errors**

Speaker
Dr Anton Bogomyagkov

14:30–14:50 **Polarimeter design**

Speaker
Jorg Wenninger

15:00

15:30

FCC-ee: Review: Collective effects & top-up injection
Session | **Location:** "Pavillon" | **Convener:** Maria Enrica Biagini

15:30–15:55 **Beam-beam overview**

Speaker
Dmitry Shatilov

15:55–16:15 **Impedance model and collective effects for FCC-ee**

Speaker
Eleonora Belli

16:15–16:35 **Transient beam loading**

Speaker
Dmitry Teytelman

16:35–16:55 **Top-up injection scheme**

Speaker
Masamitsu Aiba

17:00

Thursday 1 June

08:30

FCC-ee: Beam dynamics
Session | **Location:** "Charlottenburg I-II" | **Convener:** Bernhard Holzer

08:30–08:50 **Beam-beam simulations update**

Speaker
kazuhito ohmi

08:50–09:10 **Beam losses from beamstrahlung and radiative bhabha**

Speaker
Dima El Khechen

09:10–09:30 **Accelerating and injecting polarized beams**

Speaker
Ivan Koop

09:30–09:50 **CEPC Overall Design related to Accelerator Physics**

Speaker
Chenghui Yu

10:00

10:30

FCC-ee: Review: injectors
Session | **Location:** "Charlottenburg I-II" | **Convener:** Yannis Papaphilippou

10:30–10:50 **Overview of injector complex**

Speaker
John Seeman

10:50–11:10 **Linac and damping ring**

Speaker
Salim Ogur

11:10–11:25 **e+ system**

Speaker
Iryna Chaikovska

11:25–11:40 **Prebooster ring**

Speaker
Ozgur Etisken

11:40–11:55 **Booster ring**

Speaker
Bastian Harer

12:00