

Session Program

Nov 10 - 13, 2020



4th FCC Physics and Experiments Workshop

Experiments and detectors

Tue, November 10

11:00 AM

Experiments and detectors: FCC-ee PE&D

Session | **Convener:** Paolo Giacomelli

11:00 - 11:25 AM **Physics Performance effort and the case studies**

Speaker

Patrizia Azzi

11:25 - 11:50 AM **What we know today of detector requirements**

Speaker

Emmanuel Francois Perez

11:50 AM - 12:20 PM **FCC software for physics and detector studies**

Speakers

Clement Helsens, Gerardo Ganis

12:20 - 12:30 PM **FCC-ee PE&D Web site**

Speaker

Marcin Chrzaszcz

12:30 PM

3:30 PM

Experiments and detectors

Session | **Conveners:** Alain Blondel, Mogens Dam

3:30 - 4:00 PM **The ECFA detector R&D road map**

Speaker

Susanne Kuehn

4:00 - 4:20 PM **BELLEII and Synergies with the FCC-ee**

Speaker

Leo Piilonen

4:20 - 4:40 PM **CEPC and Synergies with the FCC-ee**

Speaker

Wang Yifang

4:40 - 5:00 PM **AIDA Innova and Higgs Factory Detector R&D**

Speaker

Felix Sefkow

5:00 PM

Wed, November 11

11:00 AM

Experiments and detectors: FCC-ee PE&D

Session | **Conveners:** Patrizia Azzi, Emmanuel Francois Perez

11:00 - 11:30 AM **Very thin magnets for FCC experiments**

Speaker

Matthias Mentink

11:30 AM - 12:00 PM **Use cases for an extreme electromagnetic resolution**

Speaker

Roy Aleksan

12:00 - 12:20 PM **Flavours at FCC-ee**

Speaker

Stephane Monteil

12:20 - 12:40 PM **Long Lived Particles at. FCC-ee**

Speaker

Rebeca Gonzalez Suarez

12:40 - 12:55 PM **Use cases for precise timing measurements**

Speakers

Emmanuel Francois Perez, Patrizia Azzi

12:55 PM

Thu, November 12

5:15 PM

Experiments and detectors: Full Detector session

Session | Convener: Franco Bedeschi

5:15 – 5:35 PM **Linear collider detector requirements and CLD**

Speaker

Frank Simon

5:35 – 5:50 PM **A detector for precise cross-section measurements**

Speaker

Mogens Dam

5:50 – 6:05 PM **FCAL report**

Speakers

Itamar Levy, itamar levy

6:05 – 6:25 PM **The IDEA detector**

Speaker

Iacopo Vivarelli

6:25 – 6:40 PM

The ALPHA experiment layout, and opportunities for common infrastructure for FCC-ee and FCC-hh detectors

Speaker

Marcello Mannelli

6:40 – 6:55 PM **physics with a 20 meter diameter e+e- detector**

Speaker

Dr Jan Hajer

6:55 PM

Fri, November 13

11:00 AM

Experiments and detectors: Additional contributions

Session

11:00 - 11:25 AM **Higgs coupling to charm and flavour tagging**

Speakers

Loukas Gouskos, Michele Selvaggi

11:25 - 11:45 AM **Tau-identification in the Dual readout calorimeter**

Speakers

Stefano Giagu, Stefano Giagu

11:45 AM - 12:10 PM **First steps with flavour physics studies at FCC-ee**

Speaker

Donal Hill

12:10 - 12:30 PM **Activities at NBI**

Speakers

Jorgen Beck Hansen, Mogens Dam

12:30 - 12:50 PM **ttbar studies at FCC-ee**

Speaker

Jeremy Andrea

1:00 PM