

## **Session Program**

**9-13 Apr 2018**



## **FCC Week 2018**

### ***FCC-ee physics & experiments***

Beurs van Berlage  
Damrak 243, 1012 ZJ Amsterdam, Netherlands

## Tuesday 10 April

08:30

### FCC-ee physics & experiments: Detector designs (review)

Session | Location: 1.1, P3 Administratiezaal | Convener: Guido Tonelli

08:30–08:45 **CLD detector model overview**

**Speaker**  
Oleksandr Viazlo

08:45–09:00 **IDEA detector model overview**

**Speaker**  
Franco Bedeschi

09:00–09:15 **IDEA Dual-Readout Calorimeter**

**Speaker**  
Massimiliano Antonello

09:15–09:30 **IDEA Drift Chamber**

**Speaker**  
Giovanni F. Tassielli

09:30–09:45 **A light and compact detector solenoid**

**Speaker**  
Herman Ten Kate

10:00

10:30

### FCC-ee physics & experiments: Machine detector interface (review)

Session | Location: 1.1, P3 Administratiezaal | Convener: Anadi Canepa

10:30–10:50 **Mitigation of synchrotron radiation from IR**

**Speaker**  
Anna Maria Kolano

10:50–11:10 **Beam-induced backgrounds and impact in the full-Si tracker**

**Speaker**  
Georgios Gerasimos Voutsinas

11:10–11:30 **Beam-background impact in the IDEA drift chamber**

**Speaker**  
Niloufar Alipour Tehrani

11:30–11:50 **LumiCal for FCC-ee and beam-background impact**

**Speaker**  
Mogens Dam

12:00

13:30

### FCC-ee physics & experiments: Electroweak precision measurements (review)

Session | Location: 1.1, P3 Administratiezaal | Convener: Prof. Yifang Wang

13:30–13:50 **Beam energy calibration summary for the FCC-ee at the Z and W**

	<p><b>Speaker</b> Alain Blondel</p>
	<p><b>13:50-14:10 Z pole scan strategy and beam-energy spread measurement</b></p> <p><b>Speaker</b> Patrick Janot</p>
	<p><b>14:10-14:30 FCC-ee as a W factory</b></p> <p><b>Speaker</b> Paolo Azzurri</p>
	<p><b>14:30-14:50 Top threshold scan strategy</b></p> <p><b>Speakers</b> Frank Simon, Patrizia Azzi</p>
15:00	
15:30	<p><b>FCC-ee physics &amp; experiments: Higgs, flavour, neutrinos, QCD (review)</b>  <b>Session   Location:</b> 1.1, P3 Administratiezaal   <b>Convener:</b> Jorgen d'Hondt</p>
	<p><b>15:30-15:50 Update of Higgs studies with the CLD detector model</b></p> <p><b>Speaker</b> Colin Bernet</p>
	<p><b>15:50-16:10 New results in flavour physics</b></p> <p><b>Speaker</b> Stephane Monteil</p>
	<p><b>16:10-16:30 Search for Heavy Right Handed Neutrinos at the FCC-ee</b></p> <p><b>Speaker</b> Elena Graverini</p>
	<p><b>16:30-16:50 QCD and photon-photon physics at FCC-ee</b></p> <p><b>Speaker</b> David d'Enterria</p>
17:00	