

**Session Program**

**29 May 2017 to 2 June 2017**

**FCC Week 2017**

***16 Tesla magnet***

Intercontinental Hotel  
Budapester Str. 2, 10787 Berlin, Germany

## Wednesday 31 May

08:30

### 16 Tesla magnet: Review: EuroCirCol (1)

**Session** | **Location:** "Charlottenburg I-II" | **Convener:** Ezio Todesco

08:30–08:40 **Baseline parameters**

**Speaker**

Davide Tommasini

08:40–09:00 **Electromagnetic design of the block coil option**

**Speaker**

Clement Lorin

09:00–09:20 **Electromagnetic design of the common-coils option**

**Speaker**

Fernando Toral

09:20–09:40 **Electromagnetic design of the  $\cos\theta$  option**

**Speaker**

Vittorio Marinozzi

09:40–10:00 **Electromagnetic design of the FCC main quadrupoles**

**Speaker**

Clement Lorin

10:00

10:30

### 16 Tesla magnet: Review: EuroCirCol (2)

**Session** | **Location:** "Charlottenburg I-II" | **Convener:** Alexander Zlobin

10:30–10:50 **Mechanical design of the block coil option**

**Speaker**

Clement Lorin

10:50–11:10 **Mechanical design of the common-coils option**

**Speaker**

Javier Munilla Lopez

11:10–11:30 **Mechanical design of the  $\cos\theta$  option**

**Speaker**

Barbara Caiffi

11:30–11:50 **Protection of the 16 T EuroCircol dipoles**

**Speaker**

Tiina-Mari Salmi

12:00

13:30

### 16 Tesla magnet: Models & Technology ERMC-RMM-Wound Conductor

**Session** | **Location:** "Charlottenburg I-II" | **Convener:** Stephen Gourlay

13:30–13:50 **Status of ERMC-RMM**

	<p><b>Speaker</b> Susana Izquierdo Bermudez</p>
	<p><b>13:50–14:10 Design of ERMC-RMM</b></p> <p><b>Speaker</b> Etienne Rochepault</p>
	<p><b>14:10–14:30 Status of the wound conductor task</b></p> <p><b>Speaker</b> Friedrich Lackner</p>
	<p><b>14:30–14:50 A canted <math>\cos\theta</math> option for the FCC</b></p> <p><b>Speaker</b> Bernhard Auchmann</p>
<p>15:00</p>	
<p>15:30</p>	
	<p><b>16 Tesla magnet: Other magnets</b>  <b>Session   Location:</b> "Charlottenburg I-II"   <b>Convener:</b> Toru Ogitsu</p> <p><b>15:30–15:50 Magnet families for the FCC-hh</b></p> <p><b>Speaker</b> Dr Antoine Chance</p> <p><b>15:50–16:20 Performance of the LHC magnets and margin</b></p> <p><b>Speaker</b> Ezio Todesco</p> <p><b>16:20–16:40</b>  <b>HL-LHC focusing quadrupoles as precursors to HE-LHC/FCC magnet development</b></p> <p><b>Speaker</b> Giorgio Apollinari</p> <p><b>16:40–17:00 Status of high field magnet technology for CEPC-SPPC</b></p> <p><b>Speaker</b> Qingjin XU</p>
<p>17:00</p>	

## Thursday 1 June

10:30

### 16 Tesla magnet: US magnet development programme

Session | Location: "Bellevue" | Convener: Pierre Vedrine

#### 10:30-10:50 Overview of the US magnet development programme

**Speaker**

Soren Prestemon

#### 10:50-11:10 Design and status of the 14-15 T demonstrator

**Speaker**

Alexander Zlobin

#### 11:10-11:30 Design and status of canted $\cos\theta$

**Speaker**

Shlomo Caspi

#### 11:30-11:50 Common coil design update

**Speaker**

Ramesh Gupta

12:00

15:30

### 16 Tesla magnet: Magnets for FCC-hh: status towards the CDR

Session | Location: "Bellevue" | Convener: Gijs De Rijk

#### 15:30-15:50 Magnet status towards the CDR

**Speaker**

Daniel Schoerling

#### 15:50-16:10 Cost model status towards the CDR

**Speaker**

Daniel Schoerling

#### 16:10-16:30 Conductor status towards the CDR

**Speaker**

Amalia Ballarino

17:00