

Session Program

24-28 Jun 2019



FCC Week 2019

Magnets

Crowne Plaza Brussels Le Palace
Rue Gineste 3, Brussels 1210, Belgium

Thursday 27 June

10:30

Magnets: Nb₃Sn wire R&D

Session | **Location:** Ground floor, Ballroom II | **Convener:** Amalia Ballarino

10:30-10:50 **Recent progress on APC in multi-filamentary Nb₃Sn wires'**

Speaker

Dr Xuan Peng

10:50-11:10

High J_c Nb₃Sn conductor via Hf addition: a route for achieving the FCC conductor targets

Speaker

Shreyas Balachandran

11:10-11:25

Analysis of FCC Nb₃Sn Conductor at CERN

Speaker

Dr Simon Hopkins

11:25-11:40

Development of Nb₃Sn for FCC In Russia

Speaker

Victor Pantsyrny

11:40-11:55

Development of Nb₃Sn for FCC in Korea

Speaker

Jiman Kim

12:00

13:30

Magnets: Nb₃Sn and other SC materials R&D

Session | **Location:** Ground floor, Ballroom II | **Convener:** Carmine Senatore

13:30-13:45

Development of Nb₃Sn for FCC in Japan

Speaker

Toru Ogitsu

13:45-14:00

Development of Nb₃Sn for FCC at BRUKER

Speaker

Carl Buehler

14:00-14:15

Electro-mecahnical properties of Nb₃Sn conductors for application to high-field magnets

Speaker

Bernardo Bordini

14:15-14:30

Characterization of FCC conductors at TU Vienna

Speaker

Michael Eisterer

14:30-14:45

Recent progress on HTS conductor for high-field magnets: critical surface studies**Speaker**

Carmine Senatore

14:45-15:00

Recent progress and trends in development of high-field HTS coated conductors**Speaker**

Alexander Usoskin

15:00-15:15

Recent progress on iron-based superconductors: potentials for high-field applications**Speaker**

Marina Putti

15:15-15:30

Recent progress on the development of high performance Bi-2212 wires and coils**Speaker**

David Larbalestier

15:30

15:30

Magnets: High-field magnet R&D**Session** | **Location:** Ground floor, Ballroom II | **Convener:** Fernando Toral

15:30-15:48

The US-MDP program**Speaker**

Soren Prestemon

15:48-16:06

Assembly and First Test of the US-MDP Nb₃Sn Dipole Demonstrator**Speaker**

Alexander Zlobin

16:06-16:24

The INFN dipole model for the FCC**Speaker**

Riccardo Umberto Valente

16:24-16:42

The CEA dipole model for the FCC**Speaker**

Etienne Rochepault

16:42-17:00

Design Status of a Fast Cycled Low Loss 6 T Model Dipole Cooling at 1.9 K**Speaker**

Alexander Kovalenko

17:00