

Session Program

24-28 Jun 2019



FCC Week 2019

SRF

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

Tuesday 25 June

08:30

SRF: SC RF cavities and technologies (1)

Session | **Location:** 1st floor, Crea/Explo | **Convener:** Anne-Marie Valente

08:30–08:48 **HOM damping design studies for FCC-ee cavities**

Speaker

Shahnam Gorgi Zadeh

08:48–09:06 **Requirements for longitudinal HOM damping in FCC-hh**

Speaker

Ivan Karpov

09:06–09:24

Possible Designs of HOM Couplers for Superconducting 400 MHz RF Cavities

Speaker

Nils Petry

09:24–09:42 **R&D of seamless elliptical cavities**

Speaker

Cristian Pira

09:42–10:00 **Electrodeposition of copper for seamless cavity**

Speaker

Guillaume Jonathan Rosaz

10:00

10:30

SRF: SC RF cavities and technologies (2)

Session | **Location:** 1st floor, Crea/Explo | **Convener:** Cristian Pira

10:30–10:48

NB film engineering with energetic condensation for tailored RF behavior

Speaker

Anne-Marie Valente-Feliciano

10:48–11:06

RF performances of superconducting coatings on copper for the FCC study

Speaker

Dr Marco Arzeo

11:06–11:24

Development of a T_c test stand to analyze superconducting thin-film coatings

Speaker

Dorothea Fonnesu

11:24–11:42

Characterization of a niobium thin film deposited on 6 GHz SRF cavities

Speaker

Reza Valizadeh

12:00	<p>11:42-12:00 FCC-ee ERL option for low power and/or high energy</p> <p>Speaker Maria Chamizo Llatas</p>
13:30	<p>SRF: RF power sources & Cryomodules Session Location: 1st floor, Crea/Explo Convener: Lek Len</p>
	<p>13:30-13:52 Active shielding for Cryomodules</p> <p>Speaker Anton Evgeniev Ivanov</p>
	<p>13:52-14:14 Test results and Operational experience of the High Power IOT development for ESS</p> <p>Speaker Morten Jensen</p>
	<p>14:14-14:36 High efficiency klystrons development at CERN</p> <p>Speaker Jinchi Cai</p>
15:00	<p>14:36-14:58 Towards a high efficiency klystron for LHC</p> <p>Speaker Armel Beunas</p>