



# FCC Week 2016

## Wednesday, 13 April 2016

### Poster session (17:30 - 19:30)

[id] title	presenter	board
[408] Slot 3 AN	NIEMI, Arto	
[51] On the Physical Readability of Beam Fields in a Realistic (Finite Thickness and Conductivity) Beam Pipe	PETRACCA, Stefania	
[43] Tapering options for the FCC-ee collider	DOBLHAMMER, Andreas	
[402] Superconducting Cavity Design for FCC-ee	GORGI ZADEH, Shahnam	
[137] Magnetic Flux Expulsion Studies of Horizontally Cooled Single Cell Cavity	MARTINELLO, Martina	
[416] High field normal conducting septum magnets	SANZ ULL, Alejandro	
[121] Additive Manufacturing for Accelerators Components	GERARD, Romain	
[95] Doubly charged Higgs bosons at the FCC-hh	KORDIACZYŃSKA, Magdalena	
[415] FCC dump pattern studies	Dr BARNA, Daniel	
[90] Beam dump for the FCC-ee collider	APYAN, Armen	
[376] Study of superconducting Tl(1223) coatings for beam impedance mitigation in the FCC	Prof. BELLINGERI, Emilio	
[85] Preliminary quench protection analysis for the FCC 16 T dipole magnets	PRIOLI, Marco	
[125] Crystal collimator systems for high energy frontier	Prof. LOBKO, Alexander	
[163] Advanced Hybrid Current Leads	HOLDENER, Fridolin	
[37] Prospects for laser triggering of large arrays of semiconductor switches	RODZIEWICZ, Janusz Pawel	
[404] Low-emittance muon collider from positrons on target	ANTONELLI, Mario	
[127] Superconducting sputtered Nb3Sn films for SRF applications	ILYINA, Katsiaryna	
[136] Trapped Flux Dissipation in SRF Cavities	MARTINELLO, Martina	
[139] Coherent interactions in crystals as a tool for manipulation of ultrarelativistic electron and positron beams	BANDIERA, Laura	
[25] Double Higgs Production with a Jet Substructure Analysis to Probe Large Extra Dimensions	Dr MOHAMMADI NAJAFABADI, Mojtaba	
[407] Particle shower studies to tackle the FCC challenges	BESANA, Maria Ilaria	
[405] An innovative computational design approach to decision optimisation of large infrastructure civil engineering projects: The FCC case	STURZAKER, Craig	
[124] The phenomena of spin rotation and depolarization of high-energy particles in bent and straight crystals at FCC energies and the possibility to measure the anomalous magnetic moments of short-lived particles (charm and beauty baryons)	Prof. BARYSHEVSKY, Vladimir G.	
[50] Strand and Cable Development for 16 T Magnets for FCC	BARZI, emanuela	
[115] Quench-Induced Quality Factor Degradation in Superconducting Resonators	CHECCHIN, Mattia	
[52] HTS solutions for FCC magnets and power infrastructure	Dr MOLODYK, Alexander	

<b>[411] Marx Generator Solid-State Pulse Modulator Application to Kicker Systems of the Future Circular Collider</b>	BARNES, Mike	
<b>[412] Inductive Adder Type Solid-State Pulse Modulator Development for Kicker Systems of the Future Circular Collider</b>	BARNES, Mike	
<b>[199] Multiphysics Modeling of Superconducting Canted-Cosine-Theta Dipoles</b>	BROUWER, Lucas	
<b>[200] Quench Protection of a 20 T Dipole Magnet with HTS Insert</b>	Dr RAVAIOLI, Emmanuele	
<b>[141] Advances in Low SEY Engineered Surface for Electron Cloud Eradication</b>	Dr VALIZADEH, Reza	
<b>[100] SRF Cavities High Q Development for CW Accelerators</b>	GRASSELLINO, Anna	
<b>[114] Quench Mechanism in Nitrogen-Doped Cavities</b>	CHECCHIN, Mattia	
<b>[152] Developments in detector and beam technologies at INP BSU</b>	LOBKO, Alexander	
<b>[179] A-15 Inhomogeneity in Nb<sub>3</sub>Sn Wires: A Potential Leverage Point for Conductor Improvement</b>	BAUMGARTNER, Thomas	
<b>[400] Basic comparison of hydraulic schemes for the FCC-hh cold mass cooling with supercritical helium</b>	KOTNIG, Claudio	
<b>[168] Analysis and Evaluation of the CERN Geodetic Reference System</b>	IBARROLA SUBIZA, Nerea	
<b>[151] A report on the CBMM-JLab SRF science &amp; technology of ingot niobium summary workshop*</b>	MYNENI, Ganapati	
<b>[145] Preliminary hydraulic layout of the beam screen cooling system for the FCC-hh</b>	KOTNIG, Claudio	
<b>[142] NEG Coating developing in ASTeC</b>	MALYSHEV, Oleg	
<b>[149] Funnel-shaped end-cap solenoids: A possible alternative for the solenoid &amp; dipoles combination</b>	MENTINK, Matthias	