

Session Program

9-13 Oct 2023



HB2023

Flash Presentations

CERN, 500/1-001 - Main Auditorium

Thursday 12 October

14:20

Flash Presentations

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:** Dr Simone Gilardoni, Elias Metral

14:20-14:24

"Probing Transverse Impedances in the High Frequency Range at the CERN-SPS"

Speaker

Elena De La Fuente Garcia

14:25-14:29

"Resonance Extraction Research Based on China Spallation Neutron Source"

Speaker

Yuwen An

14:30-14:34

"Measurement of Stability Diagram at IOTA at Fermilab"

Speaker

Mary Kate Bossard

14:35-14:39

"Investigation of tail-dominated instability in the Fermilab recycler ring"

Speaker

Osama Mohsen

14:40-14:44

"A wireless method for beam coupling impedance measurements of the LHC goniometer"

Speaker

Chiara Antuono

14:45-14:49

"Beam Dynamics Study of a 400 kW D+ Linear Accelerator to Generate Fusion-Like Neutrons for Breeding Blanket Tests in Korea"

Speaker

Moses Chung

14:50-14:54

"Preliminary Results on Transverse Phase Space Tomography at KOMAC"

Speaker

Seunghyun Lee

14:55-14:59

"Performance of the Ion Chain at the CERN Injector Complex and Transmission Studies During the 2023 Slip Stacking Commissioning"

Speaker

Maciej Slupecki

15:00-15:04

"Optimizing Beam Dynamics in LHC with Active Deep Learning"

Speakers

Davide Di Croce, Davide Di Croce

15:05-15:09

"Stripline design of a Fast Faraday Cup for the bunch length measurement at ISOLDE-ISRS"

Speaker

Ibon Bustinduy

15:10-15:14

"FPGA-based digital IQ demodulator used in the beam position monitors for HIAF BRing"

Speaker

Fafu Ni

15:30