



# LLRF Topical Workshop - Timing, Synchronization, Measurements and Calibration

## Tuesday, 29 October 2024

### Poster Session II (Measurement and calibration) (16:40 - 18:30)

time	[id] title	presenter
16:40	[40] Status of the development of the new digital LLRF for ALBA Synchrotron Light facility	BENAVIDES CARO, Javier FERNÁNDEZ PRAT, Juan Salvador
16:40	[41] Integration of a Digital PLL in LLRF Systems for Advanced Cavity Characterization	FERNÁNDEZ PRAT, Juan Salvador BENAVIDES CARO, Javier
16:40	[45] Beam-Based Voltage Calibration for Double-Harmonic RF Systems in the CERN Super Proton Synchrotron	INTELISANO, Leandro
16:40	[10] Development of a Cavity Resonance Monitoring System for RAON SCL3	JANG, Hyojae
16:40	[16] Calibration and Measurement techniques in the LLRF systems of the Fermilab PIP-II Linac	VARGHESE, Philip
16:40	[17] Phase Noise Cancellation Impact on IQ Measurement Accuracy in LLRF Systems with Frequency Downconversion	LUONG, Michel
16:40	[49] Mitigation for a shorted cavity probe at EuXFEL	DIOMEDE, Marco
16:40	[58] Data-driven Model Predictive Controller for SRF Cavity Resonance Control	DIAZ, Jorge
16:40	[55] APS-Upgrade Storage Ring RF Noise Reduction for Beam Stability	BERENC, Tim
16:40	[9] SRF Cavity Resonance Control by Machine Learning	Prof. WANG, Faya
16:40	[62] Preliminary Design of Low Noise and High-Gain Feedback for EIC Crab Cavities	SEVERINO, Freddy
16:40	[51] Influence of environmental parameters on calibration drift in superconducting RF cavities	SUN, Yue