

Second Topical Workshop on Microphonics, LLRF Workshop Series

Wednesday, 24 October 2018 - Friday, 26 October 2018

NY Marriott at The Brooklyn Bridge

Book of Abstracts

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Welcome and Information

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Announcements

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An Experimental Setup to Detect Microphonics in the 500MHz CESR Cavities at SSRF

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Summary Presentation

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Vibration studies on TTF cryomodules: A Summary of the Work Done So Far

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Superconducting Radio-Frequency Virtual Cavity for Hardware- in-the-Loop Testing of Control Algorithms

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Cryomodule on a Chip

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CW Studies at DESY's Cryomodule Test Bench

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Vector Sum Accelerating Field Parameters Regulation of Single EX-FEL Module Working in CW Mode in High QL ($6e7$) Conditions

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Microphonics, Transfer Function Characterization and Preliminary Active Piezo Compensation of a 56 MHz Beam Driven SRF Cavity at RHIC

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Fine Frequency Resolution Transfer Function Measurements of a Cavity System to Characterize High-Q Mechanical Resonances

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Microphonics Control Studies for High QL SRF Cavities and Module Commissioning of the bERLinPro SRF Gun

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Experience with Microphonics in the CBETA Main Linac Cryomodule

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Current Status of Microphonics and LLRF Control at cERL

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Beam Induced Microphonics in High Current Synchrotrons

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Microphonics Considerations for BESSY-VSR

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PIP-II Pulsed Resonance Control

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Initial ESS Prototype High Beta Cavity Piezo Based Characterization and First LFD Compensation Experiences

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FNAL Tuners: LCLS-II to PIP-II

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Low Beta Tuner Design

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JLAB Tuners: 1980 - 2018

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Control System Design for SRF Cavity Based on Kalman Filter

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Open Q & A