

International Workshop on Higher Order Modes in Superconducting Cavities (HOMSC2025)

Tuesday 7 October 2025

Design of SRF Cavities and HOM Damping Schemes - FLASH Seminar Room (bld. 28c) (10:00 - 11:00)

-Conveners: Shahnam Gorgi Zadeh

time	[id] title	presenter
10:00	[7] RF absorber development at IJCLab	Dr MIYAZAKI, Akira
10:30	[10] Design of HOM damped SRF Cavities for CW Operation in Storage Rings	TSAKANIAN, Andranik

Design of SRF Cavities and HOM Damping Schemes - FLASH Seminar Room (bld. 28c) (11:30 - 13:00)

time	[id] title	presenter
11:30	[13] HOM damping for the EIC ESR SRF Cryomodule	GUO, Jiquan
12:00	[20] Compact Coaxial HOM Damper for SRF Cavities	LUNIN, Andrei
12:30	[8] Progress of HOM couplers for PERLE SRF cavities	Ms DUCHESNE, Patricia

Design of SRF Cavities and HOM Damping Schemes - FLASH Seminar Room (bld. 28c) (14:00 - 15:30)

-Conveners: ADOLFO VELEZ

time	[id] title	presenter
14:00	[2] HOM Damping in 166MHz beta=1 QWR for High Energy Photon Source	ZHENG, Hongjuan
14:30	[26] Evanescent mode coupling in coaxial HOM filters	PAPKE, Kai
15:00	[30] HOM Damping for EIC Crab Cavities	XIAO, Binping

Design of SRF Cavities and HOM Damping Schemes - FLASH Seminar Room (bld. 28c) (16:30 - 17:30)

-Conveners: Dmitry Bazyl

time	[id] title	presenter
16:30	[25] Radio frequency design and higher mode analysis of superconducting Quasi-Waveguide Multi-cell Resonator crab cavities for the production of picosecond X-ray pulses for Eltra 2.0	SHAFQAT, Nuaman
17:00	[34] Discussion: Suppression/extraction of dangerous HOMs in superconducting crab cavities	