

ACCELERATOR SEMINAR

Giuliano Franchetti

GSI

Thursday, 1st December 2022 at 4 pm

Seminarraum Theorie (SB3 3.170a)

Participation is also possible via Zoom: ID: 613 8816 9093/ PW: 650714

Sum resonances with space charge

This talk reviews the findings of the interplay of space charge in bunched beams with machine resonances, especially the coupled. The complexity of the coupled resonances is addressed (fixed-lines), and the general impact on the beam dynamics is discussed for halo formation and long term beam loss.



Coordinator: Claude Krantz, Janet Schmidt
Secretary: Larissa Birli

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