

ICFA mini-Workshop on "Mitigation of Coherent Beam Instabilities in particle accelerators" MCBI 2019

Tuesday, 24 September 2019

Session 3: Optics and RF knobs (16:00 - 19:50)

-Conveners: Elena Shaposhnikova

time	[id] title	presenter
16:00	Coffee break	
16:30	[18] Mitigation of collective effects (coherent beam instabilities) by optics optimization	PAPAPHILIPPOU, Yannis
16:50	[19] Control of linear coupling to avoid loss of Landau damping	CARVER, Lee
17:10	[20] Coping with longitudinal instabilities using controlled longitudinal emittance blow-up	TIMKO, Helga
17:30	[21] Passive higher-harmonic RF cavities with general settings and multi-bunch instabilities in electron storage rings	VENTURINI, Marco
17:50	[92] Suppression of the Fast Beam-Ion Instability by Tune Spread in the Electron Beam due to Beam-Beam Effects	STUPAKOV, Gennady
18:10	Leg stretch	
18:30	[22] Beam loading compensation for optimal bunch lengthening with harmonic cavities	YAMAMOTO, Naoto
18:50	[70] Suppression of the longitudinal coupled bunch instability in DAFNE in collisions with a crossing angle	DRAGO, Alessandro
19:10	[24] RF scheme to mitigate longitudinal instabilities in Super Proton-Proton Collider	ZHANG, Linhao
19:30	[88] Mitigation of Space Charge Effects Using Electron Column at IOTA Ring	Prof. PARK, Chong Shik