

ICFA mini-WORKSHOP ON IMPEDANCES AND BEAM INSTABILITIES IN PARTICLE ACCELERATORS

Thursday, 21 September 2017

Session 5: Instability modeling, observations and cures (Chair: Mikhail Zobov. Scientific secretary: Eleonora Belli - San Vittorino Hall (14:00 - 17:10))

-Conveners: Mikhail Zobov

time	[id] title	presenter
14:00	[40] Mitigation of collective effects by optics optimization and the SPS experience	Mr BARTOSIK, Hannes
14:20	[94] Simulation of longitudinal intensity effects with LLRF system (BLonD)	Dr TIMKO, Helga
14:40	[86] Observation and active damping of longitudinal coupled bunch instabilities	DAMERAU, Heiko
15:00	[95] Challenges in impedance and instabilities computation for new generation light sources	PERSICHELLI, Serena
15:20	Coffee Break	
15:50	[45] Vlasov solvers and macroparticle simulations	Dr MOUNET, Nicolas
16:10	[44] Codes benchmarking for the single-bunch instabilities in electron storage rings	Dr XU, Haisheng
16:30	[43] Transverse feedback systems for multi-bunch beam diagnostics and instabilities suppression	DRAGO, Alessandro
16:50	[84] Wide-band feedback systems to diagnose and suppress intra-bunch motion in accelerators	FOX, John