



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

## Tuesday, 19 September 2017

**Session 2 - Impedance theory and modeling (Chair: Ursula Van Rienen. Scientific secretary: Mario Beck) - San Vittorino Hall (14:30 - 18:10)**

time	[id] title	presenter
14:30	[7] Wakefields/impedances for a bunch moving between two corrugated plates	BANE, Karl
14:50	[8] Calculation of wakefields for plasma-wakefield accelerators	Dr STUPAKOV, Gennady
15:10	[10] Advanced method of wakefield calculations (numerical methods, parallel computing)	Dr GJONAJ, Erion
15:30	[11] Analytical impedance models for very short bunches	ZAGORODNOV, Igor
15:50	Coffee break	
16:20	[9] Multi-physics simulations of impedance effects in accelerators	Dr ZANNINI, Carlo
16:40	[13] Impedance Issues in the Design, Measurements, and Beam Commissioning of a Narrow Gap Stripline Kicker For On-Axis Injection	Dr DE SANTIS, Stefano
17:00	[30] Eigenmode Computations for Chains of Cavities	FLISGEN, Thomas
17:20	[12] The concept of coupling impedance in the self-consistent plasma wake field excitation	Prof. FEDELE, Renato
17:40	[14] "The Birth and the Childhood of the Coupling Impedance and the Stability Maps" Special seminar to celebrate the 50 years of the beam coupling impedance concept	VACCARO, Vittorio Giorgio