

TENTATIVE AGENDA 1.2

	Tuesday 17	Wednesday 18	Thursday 19	Friday 20	Saturday 21	Sunday 22	Monday 23
Morning I 9:00 – 10:30		Quantum FEL Theory and its Classical limits N. Piovella (80+10)'	Theoretical aspect of advanced FEL schemes Z. Huang (80+10)'	Collective effects in light scattering from Bose-Einstein condensates F. Cataliotti (80+10)'	Optical guiding by capillary dielectric tubes and its applications B. Cros (80+10)'	Advanced FEL schemes based on Beam Driven Plasma Accelerators P. Muggli (80+10)'	Departure
Coffee Break							
Morning II 11:00 – 12:30	Arrival	FEL coherence and control of spectral properties E. Allaria (80+10)'	Overview of advanced Compton ray sources L. Serafini (80+10)'	Overview of Advanced Accelerator Concepts TBC (80+10)'	Generation of ultra-cold low emittance electron beams J. Rosenzweig (80+10)'	Overview of Plasma Driven FEL Concepts TBC (80+10)'	Departure
Lunch Break						Tour to Segesta Greek Temple and Theatre	
Afternoon I 15:00 – 17:00	Registration	Generating sub-femtosecond pulses in hard x-ray free-electron lasers Y. Ding (50+10)'	FEL with orbital angular momentum modes E. Hemsing (50+10)'	Principles and Applications of Laser Driven Betatron Radiation Sources S. Karsch (50+10)'	Trends in Conventional and Unconventional Undulators J. Clark (50+10)'	Tour to Segesta Greek Temple and Theatre	Departure

		Channeling: from Beam Shaping to Radiation Sources S. Dabagov (50+10)'	Exploring the Frontiers in Attosecond X-ray Science, Imaging and Spectroscopy with advanced radiation sources F. Kaetner (50+10)'	Overview of plasma based beamline elements for advanced beam manipulations A. R. Rossi (50+10)'	mm-Wave Electromagnetic Undulators And their Possible RF Drivers I. Spassovsky (50+10)'		
Coffee Break							
Afternoon II 17:30– 19:30	Welcome Cocktail	Towards an X-Ray FEL Oscillator TBA (50+10)' Quantum electrons in classical x-ray FELs P. Ansimov (25+5)'	Quantum plasma fluid model for high-gain FEL A. Serbeto (25+5) Inverse Thomson scattering-based polychromatic γ -rays driven by comb-like e-beams from uniform plasmas and channels S. Kalmikov (25+5)	Undulator based on the discharge in plasma-filled capillary V. Shpakov (25+5)' Betatron radiation as bright hard X-ray source and effective diagnostic for laser-plasma acceleration experiments A. Curcio (25+5)'	High quality electron beams from plasma: overview of beam dynamics issues J. Vieira (50+10)' Design of sub-Angstrom compact FEL source H. Fares (25+5)'	Tour to Segesta Greek Temple and Theatre	

			<p>TeV muon beam photo-production with hadron-photon colliders based on high efficiency FEL's</p> <p>C. Curatolo (25+5)'</p>	<p>Diffraction of Optical Vortex Beam from Helical Undulator</p> <p>N. S. Mirian (25+5)</p>			
Dinner				Social Dinner			