

## TENTATIVE AGENDA 1.3

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

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

		<p>Design of sub-Angstrom compact FEL source  <b>H. Fares</b>  (25+5)'</p> <p>Numerical simulation of FEL process using FDTD/PIC in a Lorentz boosted framework  <b>A. Fallahi</b>  (25+5)'</p>	<p>TeV muon beam photo-production with hadron-photon colliders based on high efficiency FEL's  <b>C. Curatolo</b>  (25+5)'</p> <p>A Frequency Modulated FEL  <b>L. Campbell</b>  (25+5)'</p>	<p>Hybrid beam driven plasma acceleration regime for high brightness beams  <b>S. Romeo</b>  (25+5)'</p> <p>Diffraction of Optical Vortex Beam from Helical Undulator  <b>N. S. Mirian</b>  (25+5)'</p>			
<b>Dinner</b>				<b>Social Dinner</b>			