

Arrival on Sunday afternoon, dinner at 19:00

	Monday 16.09.	Tuesday 17.09.	Wednesday 18.09.	Thursday 19.09.	Friday 20.09.
9:00 - 9:45	Introduction <i>E. Weckert</i>	Fundamentals of FELs 1 <i>Schmüser/Rossbach</i>	Fundamentals of FELs 3 <i>Schmüser/Rossbach</i>	Fundamentals of FELs 4 <i>Schmüser/Rossbach</i>	FEL based pump&probe experiments <i>C. Masciovecchio</i>
9:45 - 10:30	key concepts & specs <i>J. Feldhaus</i>	Fundamentals of FELs 1 <i>Schmüser/Rossbach</i>	Fundamentals of FELs 3 <i>Schmüser/Rossbach</i>	Fundamentals of FELs 4 <i>Schmüser/Rossbach</i>	
10:30 coffee					
11:00 - 11:45	the promise of X-ray FELs <i>R. Falcone</i>	Fundamentals of FELs 2 <i>Schmüser/Rossbach</i>	coherent imaging <i>Ch. Schroer</i>	Fundamentals of FELs 5 <i>Schmüser/Rossbach</i>	synchronization with lasers <i>F. Kärtner</i>
11:45 - 12:30	XFELs in Europe <i>R. Abela</i>	Fundamentals of FELs 2 <i>Schmüser/Rossbach</i>		Fundamentals of FELs 5 <i>Schmüser/Rossbach</i>	high rep. rate technology <i>J. Limpert</i>
12:30 lunch					
14:00 - 14:45	XFELs in the US <i>J. Hastings</i>	Hard X-ray seeding <i>G.L. Geloni</i>	excursion	bio materials <i>I. Schlichting</i>	(departure)
14:45 - 15:30	XFELs in Japan <i>T. Ishikawa</i>	X-ray multiphoton ionization: theory <i>R. Santra</i>		photoionization <i>L. DiMauro</i>	
15:30 coffee					
16:00 - 16:45	essentials of X-ray phys. <i>R. Röhlberger</i>	correlated dynamics <i>J. Ullrich</i>		time-resolved structure <i>K. Sokolowski-Tinten</i>	
16:45 - 17:30		XFEL-pumped X-ray lasers <i>N. Rohringer</i>			
18:00 dinner					
		After Dinner Talk ( <i>Santra</i> ) <i>Electron dynamics and the phase problem</i>			