

## SCHOOL

## BRAINSTORMING

	11. Dez	12. Dez	13. Dez	14. Dez	15. Dez
8:50-9:00	Intro to School				
9-9.15	<b>Paul Brumer</b> (theory): <i>Theory of quantum control: from atoms to...</i>	<b>Lex Kemper</b> (theory): <i>What can we learn from time-resolved experiments?</i>	<b>Mark Stockman</b> : <i>Theory on strong field</i>	<b>Jon Sipe</b> : <i>Decoherence in many-body systems</i>	<b>François Légaré</b> : <i>Pushing attosecond metrologies to the soft X-ray spectral range</i>
9.15-9.30					
9.30-9.45	Discussion				
9.45-10	Discussion				
10-10.15	<b>Paul Brumer</b> : <i>Theory of quantum control: from atoms to...part 2</i>	<b>Lex Kemper</b> <i>What can we learn from time-resolved experiments part 2</i>	<b>Steve Leone</b> : <i>Ultrafast dynamics in correlated materials using attosecond metrologies</i>	<b>Steve Cundiff</b> : <i>Coherent multidimensional spectroscopies in solids</i>	<b>David Jones</b> : <i>High repetition rate XUV sources for solid state spectroscopy</i>
10.15-10.30					
10.30-10.45	Discussion				
10.45-11	Discussion				
11-11.15	Coffee Break				
11.15-11.30	Coffee Break				
11.30-11.45	<b>John Sipe</b> (theory): <i>Coherent control in many-body systems</i>	<b>Claudio Giannetti</b> : <i>Non-equilibrium spectroscopy of correlated materials part 2</i>	<b>Paul Corkum</b> : <i>Attosecond physics in solids</i>	<b>Stefan Kaiser</b> : <i>Controlling the lattice dynamics by light</i>	<b>Alfred Leitenstorfer</b> : <i>Quantum light-matter interaction in the THz/infrared</i>
11.45-12					
12-12.15	Discussion				
12.15-12.30	Discussion				
12.30-12.45	lunch				
12.45-13	lunch				
13-13.15	lunch				
13.15-13.30	lunch				
13.30-13.45	<b>John Sipe</b> : <i>Coherent Control in many-body systems part 2</i>	<b>Steve Cundiff</b> (exp): <i>Techniques of multidimensional spectroscopy</i>			
13.45-14					
14-14.15	Discussion				
14.15-14.30	Discussion				
14.30-14.45	<b>Claudio Giannetti</b> (exp): <i>Non-equilibrium spectroscopy of correlated materials</i>	<b>Steve Cundiff</b> : <i>Techniques of multidimensional spectroscopy (part 2)</i>	<b>Peter Armitage</b> : <i>Electrodynamics of topological matter</i>	<b>Tom Devereaux</b> : <i>Perspective in time-domain physics</i>	<b>Roberto Merlin</b> : <i>Coherent excitation of matter waves</i>
14.45-15					
15-15.15	Discussion				
15.15-15.30	Discussion				
15.30-15.45	Coffee Break				
15.45-16	Coffee Break				
16-16.15	Coffee Break				
16.15-16.30	Coffee Break				
16.30-16.45	Coffee Break				
16.45-17	Coffee Break		<b>Olga Smirnova</b> : <i>Extending chiral measurements to topology</i>	<b>Hrvoje Petek</b> : <i>Surface charge transfer dynamics by interferometric time-resolved photoemission</i>	
17-17.15	Discussion				
17.15-17.30	Discussion				
17.30-17.45	Discussion				
17.45-18	Discussion				
18-18.15	Discussion				
18.15-18.30	Dinner Self-Organized	Reception (until 20:00)	Dinner Self-Organized	Banquet	