

2014 MURI KICK-OFF MEETING SCHEDULE
University of California, Berkeley, CA
775-B Tan Kah Kee Hall
November 17-18, 2014

<u>Monday, November 17</u>	<u>Speaker / Topic</u>	<u>Title</u>	<u>Tuesday, November 18</u>	<u>Speaker / Topic</u>	<u>Title</u>
Topic #1 Overview					
2:00 - 2:25 PM	Stephen Leone - UCB lead	Overview of Post-Born-Oppenheimer dynamics using isolated attosecond pulses	8:30 - 8:55 AM	Zenghu Chang - #1	Electron dynamics in atoms and small molecules
2:30 - 2:55 PM	Daniel Neumark - #1	Attosecond dynamics of charge migration studied by ion and electron detection	9:00 - 9:25 AM	Arvinder Sandhu - #1	Using attosecond spectroscopy to probe electron couplings
3:00 - 3:25 PM	Paul Corkum - #1	A pump-probe method for measuring attosecond dynamics in atoms and molecules	9:30 - 9:55 AM	C. William McCurdy - #1	Theory of attosecond measurements of correlated electron dynamics
3:30 - 3:55 PM	Lorenz Cederbaum - #1	Charge migration driven by electron correlation	10:00 - 10:25 AM	<i>Break & Discussions</i>	
4:00 - 5:30 PM	<i>Lab Tours</i>		10:30 - 10:55 AM	Stephen Leone - #1	Charge migration and recurrences in molecules and plasmonic particles
6:00 PM	<i>Dinner</i>				
			Topic #9 Overview		
			11:00 - 11:25 AM	Zenghu Chang - UCF lead	Overview of studying ultrafast electron dynamics in condensed matter with next generation attosecond x-ray sources
			11:30 - 11:55 AM	Daniel Neumark - #9	Attosecond dynamics in liquid microjets
			12:00 - 12:55 PM	<i>Lunch & Discussions</i>	
			1:00 - 1:25 PM	Louis DiMauro - #9	Soft x-ray attosecond emission in the long wavelength limit
			1:30 - 1:55 PM	Nick Karpowicz (presenter) & Ferenc Krausz - #9	Controlling the electronic properties of solids within a cycle of a light wave
			2:00 - 2:25 PM	Mark Stockman - #9	Attosecond processes in solids in superstrong fields
			2:30 - 2:55 PM	Stephen Leone - #9	Attosecond dynamics in semiconductors and at interfaces
			3:00 - 3:25 PM	<i>Break & Discussions</i>	
			3:30 - 3:55 PM	Pierre Agostini - #9	Attosecond x-ray transient absorption in novel materials
			4:00 - 4:25 PM	Paul Corkum - #9	Probing the physics of high harmonics in solids
			4:30 - 4:55 PM	Zenghu Chang - #9	Isolated attosecond pulses generated with MIR lasers
			5:00 PM	End	