



IQE COLLABORATION MEETING SCHEDULE

MORNING SESSION

8:30 a.m. <i>Breakfast & Registration</i> <i>Outside 131 Campbell Hall</i>

<i>IQE Research Overview</i> <i>131 Campbell Hall</i> <i>Session chair: Weld</i>		
9:00 a.m.	David Weld	Intro & Welcome
9:15	Dan Stamper-Kurn	IQE Research at UC Berkeley
9:30	David Weld	IQE Research at UCSB
9:45	Sid Parameswaran	IQE Research at UC Irvine
10:00	Wes Campbell	IQE Research at UCLA
10:15	Congjun Wu	IQE Research at UCSD

10:30 <i>Coffee Break</i> <i>Outside 131 Campbell Hall</i>

<i>IQE Research Updates</i> <i>131 Campbell Hall</i> <i>Session Chair: Parameswaran</i>		
11:00	Kush Saha	Bloch oscillations in quasiperiodic systems
11:20	Jianda Wu	Quantum criticality of bosons in a nearly flat band
11:40	David Hucul	¹³³ Ba ions for quantum information processing and quantum networks
11:52	Zach Geiger	New techniques for cold atom quantum emulation
12:04	Jonathan Kohler	Cavity magneto-optics
12:16	Michael Kolodrubetz	Adiabaticity in Floquet systems

12:30 <i>Lunch (catered)</i> <i>375 LeConte Hall</i>

(Schedule continues on other side)

AFTERNOON SESSION

<i>Tutorial Session</i>		<i>131 Campbell Hall</i>
1:30 p.m.	Wes Campbell	Capabilities of trapped ion experiments

<i>IQE Symposium: New Directions in Quantum Emulation</i>		<i>131 Campbell Hall</i>
<i>Session Chair: Wu</i>		
2:00	Wolfgang Ketterle	TBD
2:30	Erich Mueller	TBD
3:00	David Weld	Emulation of dynamical quantum systems
3:30	Benjamin Lev	Many-body physics with cavity QED
4:00	Sid Parameswaran	Topology and dynamics: cold atoms at the entanglement frontier

4:30	<i>Poster Session</i>	<i>375 LeConte Hall</i>
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