

October 6th, 2016: Day 1 Cold Molecule MURI  
Department of Chemistry, Room 360

- 7:00-8:00 Continental Breakfast
- 8:00-8:10 Opening remarks/overview (Jim Parker/David DeMille)
- 8:10-8:40 Martin Zwierlein, MIT:  
“Second-scale coherence time of NaK molecules”
- 8:40-9:10 Timur Ravchov (Ketterle group), MIT:  
“Observation of the NaLi Triplet Ground State”
- 9:10-9:40 Deep Gupta, U. Washington:  
“Combining Yb and Li: Bose-Fermi Superfluid Mixture  
and towards Ultracold Doublet-Sigma Molecules”
- 9:40-10 Coffee Break
- 10:00-10:30 Ming Li (Kotochigova group), Temple U.:  
“Quantum control of Ultracold Polar Molecules in Optical Potentials”
- 10:30-11:00 Bala Naduvalath, UNLV:  
“Quantum Dynamics of K+KRb  
and Geometric Phase and Interference Effects in Ultracold Reactions”
- 11:00-11:30 Nandini Mukherjee (Zare group), Stanford:  
“Preparation of highly vibrationally excited quantum states using SARP”
- 11:30-12:00 Robin Cote, Univ. of Connecticut:  
“Controlling ultracold chemical reactions in neutral molecular systems”
- 12-13:30 Lunch at Emory Village
- 13:30-14:00 Robin Cote, Univ. of Connecticut:  
“Controlling ultracold chemical reactions in ionic molecular systems”
- 14:00-14:30 Dave DeMille, Yale:  
“Magneto-optical & conservative trapping of ultracold SrF”
- 14:30-15:00 John Doyle, Harvard:  
“Progress Toward a MOT of CaF”
- 15:00-15:30 Ben Spaun (Ye group), JILA:  
“Using Direct Frequency Comb Spectroscopy to Watch Chemical Reactions”
- 15:30-17:30 Joint MURI/BRI Poster Session

October 7th, 2016: Day 2 Ion MURI + BRI  
Department of Chemistry, Room 360

7:00-8:00	Continental Breakfast
8:00-8:10	Opening Remarks (Jim Parker/Paul Baker and Eric Hudson)
8:10-8:40	Eric Hudson, UCLA
8:40-9:10	Ken Brown, GaTech
9:00-9:30	Michael Heaven, Emory
930-1000	Coffee Break
10:00-10:30	Svetlana Kotochigova, Temple
10:30-11:00	Brian Odom, Northwestern
11:00-11:30	Arthur Suits, Wayne State/ U. Missouri
11:30 – 1300 pm	Lunch at Emory Village

BRI Kick off Meeting  
Department of Chemistry, Room 360

13:00-13:10	Opening Remarks (Tatjana Curcic and Michael Berman)
13:10-13:45	John Doyle, Harvard, “TBD”
13:45-14:45	Eric Hudson/ Wes Campbell/Arthur Suits, UCLA/Missouri
14:45-15:15	Coffee Break
15:15-15:50	Uzi Landman
15:50-16:10	Jonathan Weinstein
16:10-16:40	Robert Field
16:40-16:55	John Stanton