

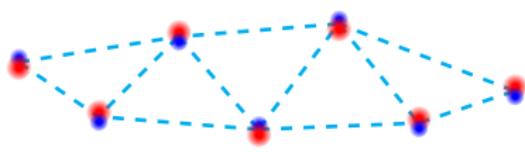
Observation of NaCs molecular state in optical tweezer

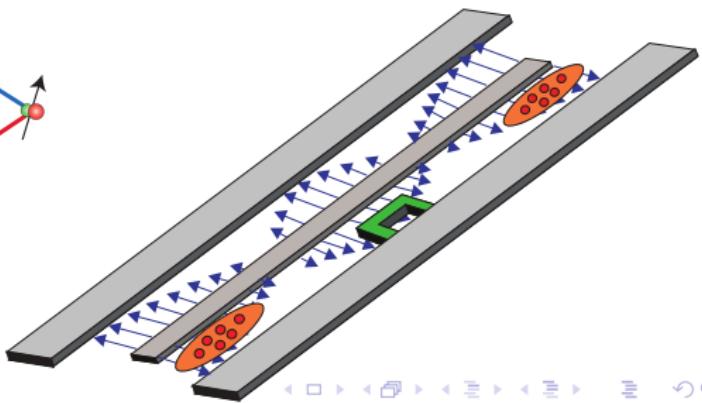
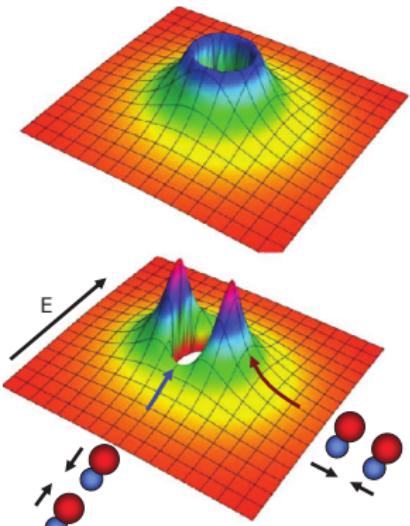
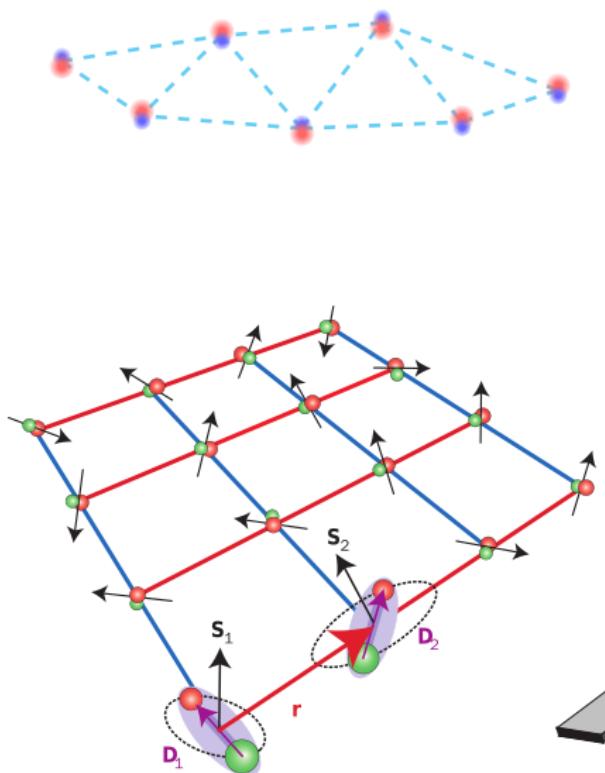
Yichao Yu

Lee Liu, Dr. Jon Hood

Ni Group/Harvard

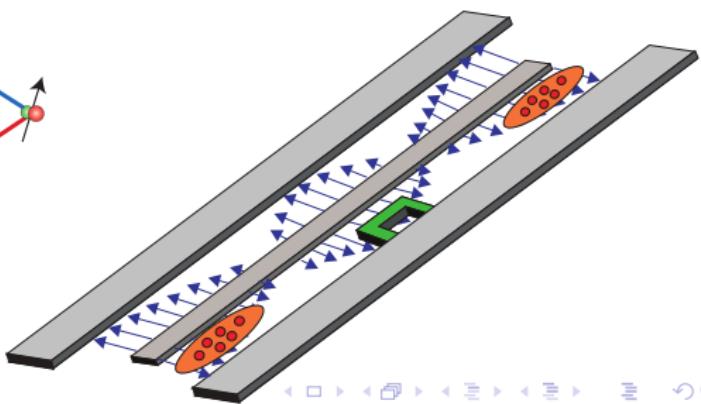
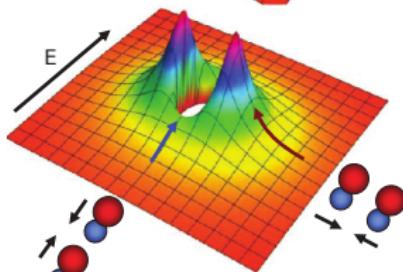
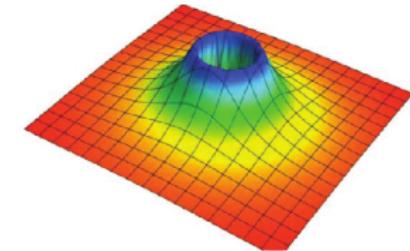
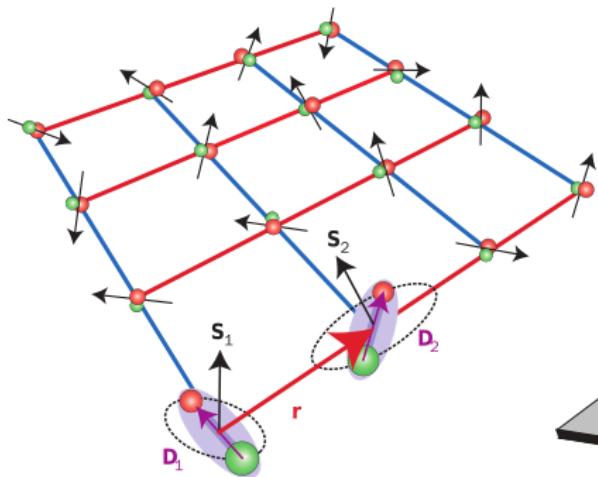
April 04, 2018



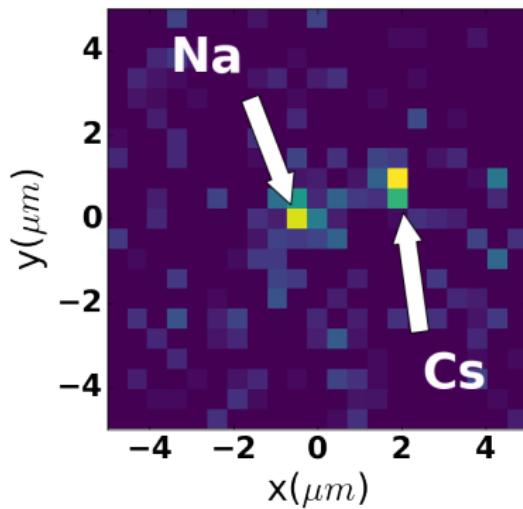


NaCs

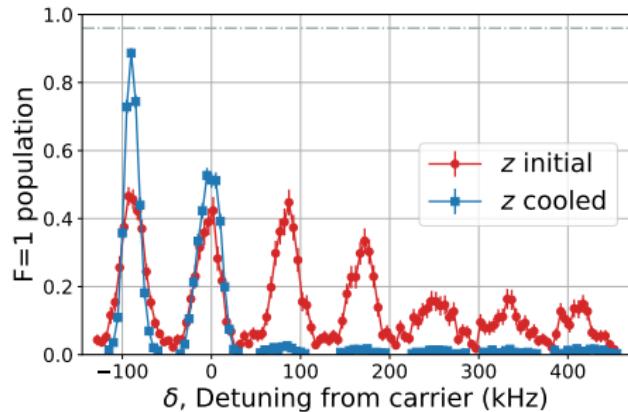
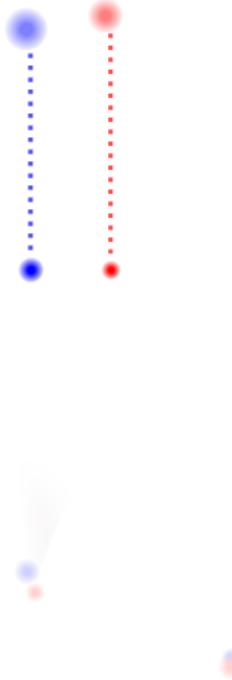
Dipole moment: 4.6 Debye



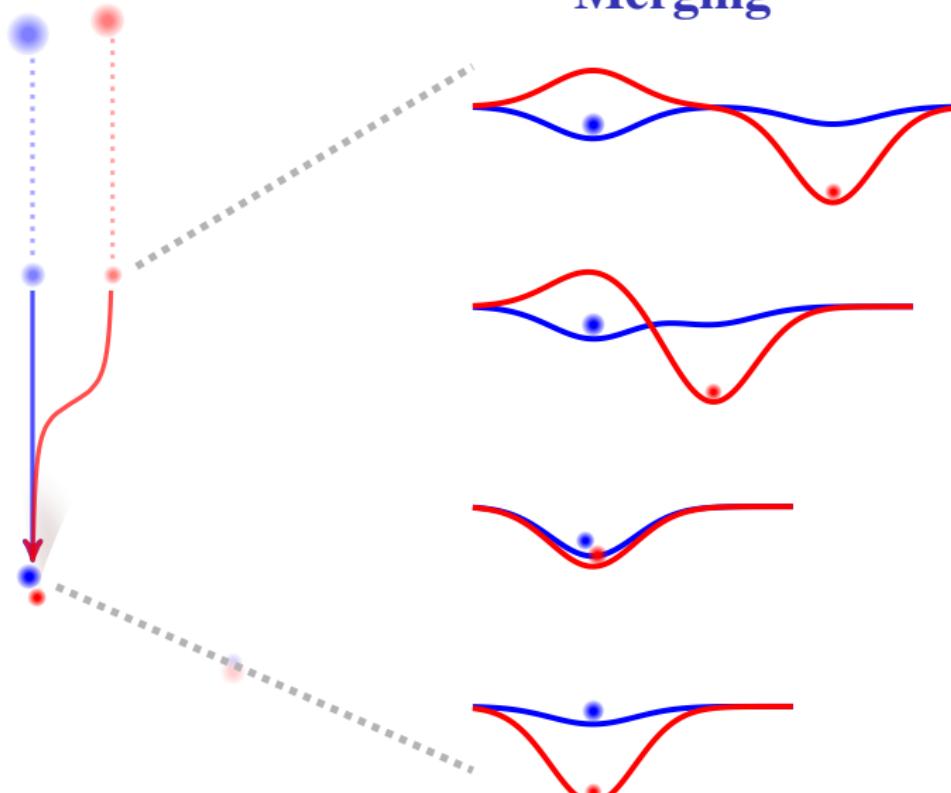
Loading



Cooling



Merging



Creating molecule

