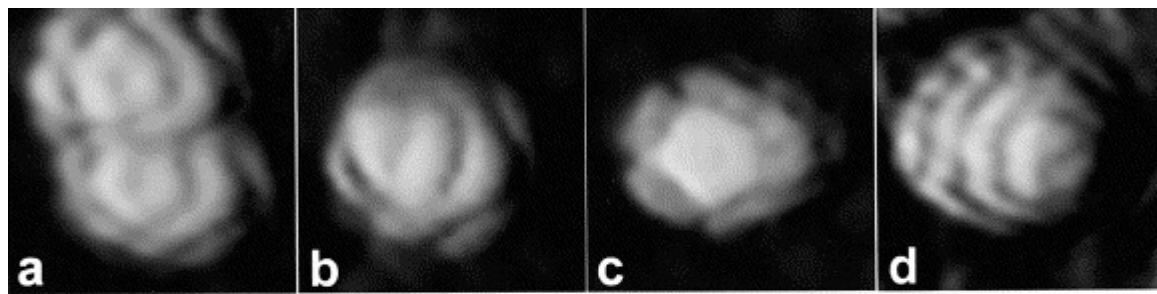
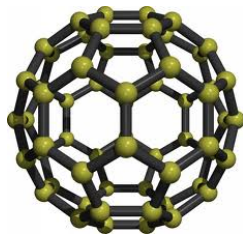
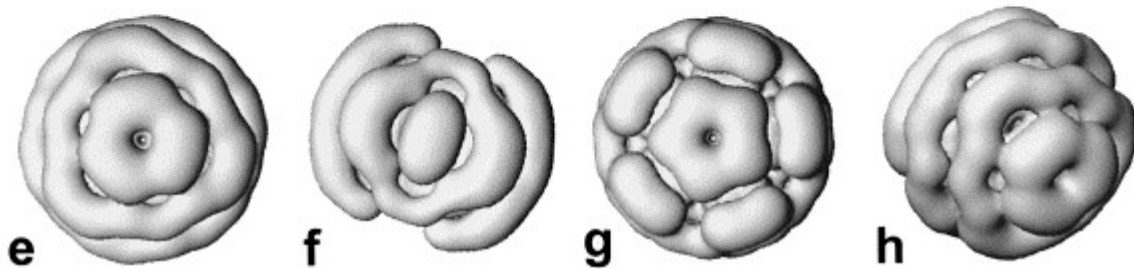


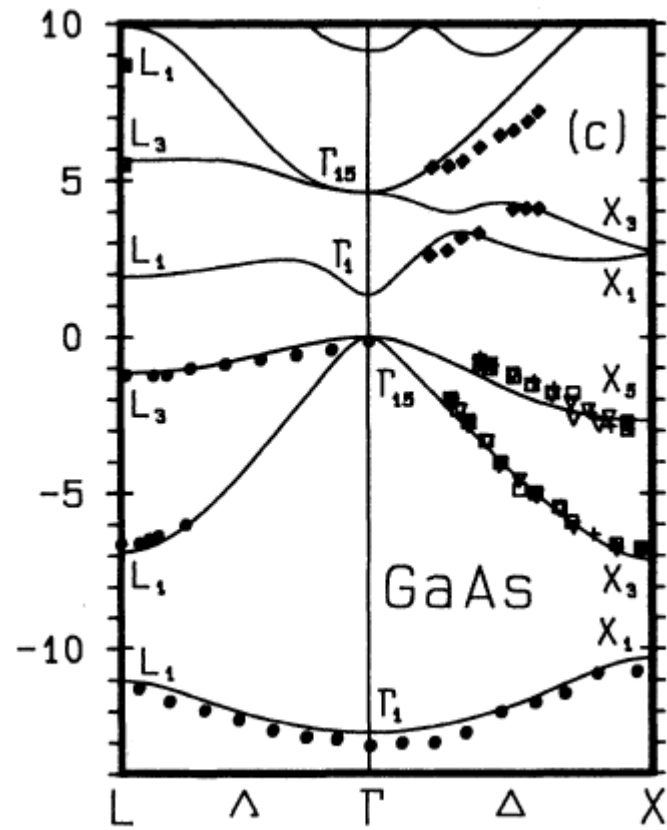
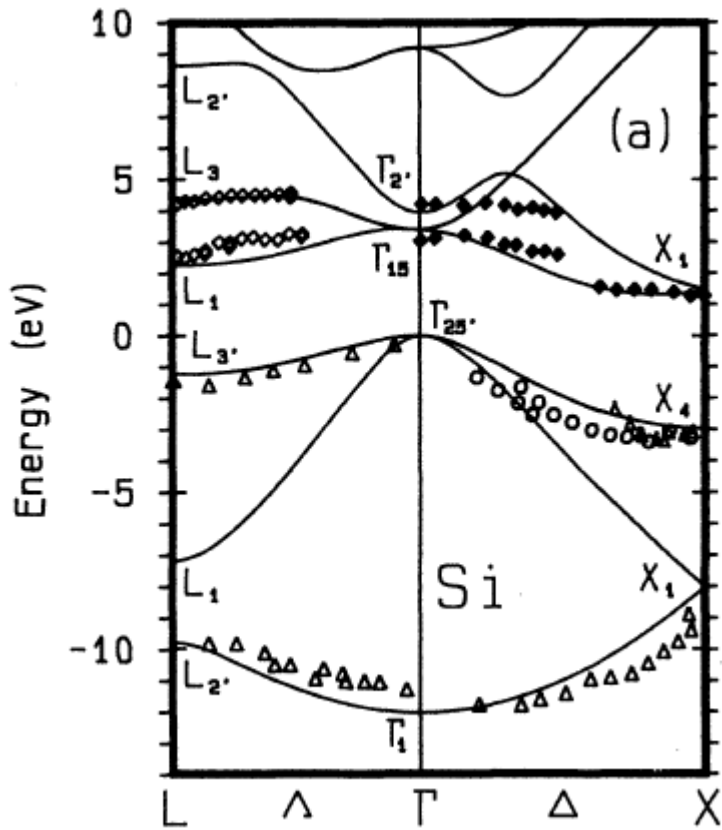
Scanning tunneling microscopy image of the Si(111)(7×7) surface with a small coverage of C_{60}



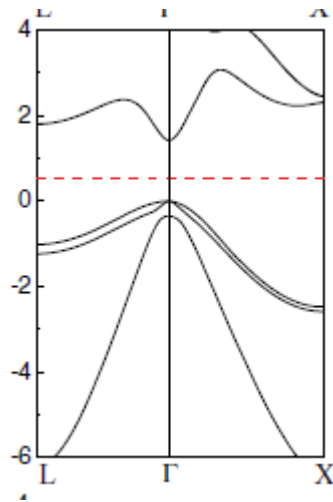
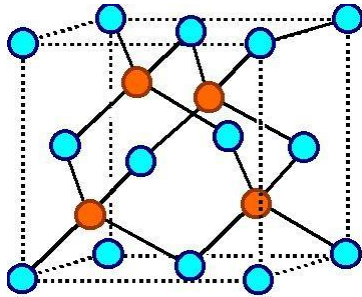
Comparison of experimental STM images of individual molecules with calculated shapes of C_{60} molecular orbitals (Kohn-Sham wave functions!)



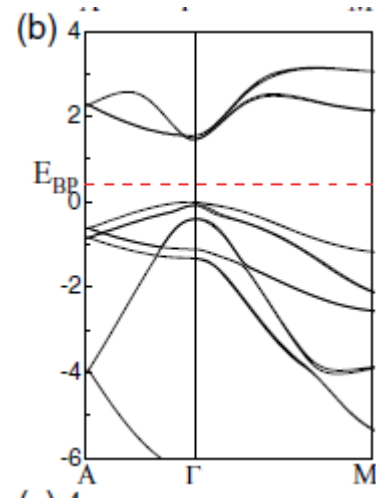
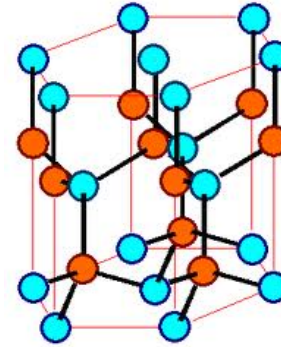
Silicon & GaAs



Zincblende & wurtzite GaAs



1.421 eV



1.453 eV

Zincblende nanowires

