

Theory and Computation Colloquium

with

Prof. Gernot Frenking

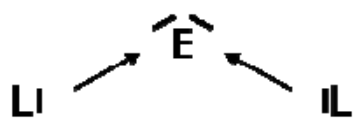
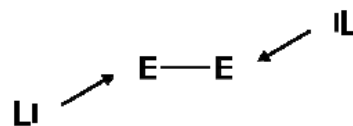
Department of Chemistry

The Philipps University of Marburg



The Chemical Bond - Sphinx and Lucky Bag

The lecture focuses on unusual bonds of main-group compounds where two strong σ donor ligands bind to a single center E in $L \rightarrow E \leftarrow L$ or to a diatomic species E_2 in $L \rightarrow E_2 \leftarrow L$.² The bonding situation and properties of carbones CL_2 and heavier homologues shall be discussed.

E = C, BH, N⁺, Si, Au

E = Group 13, 14, 15 atoms

Thursday, July 11, 2013

4:00 P.M.

2033 Young Hall