

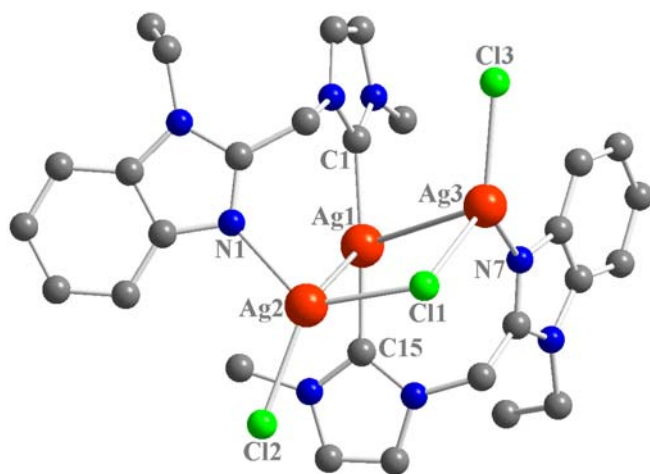
From Authentic Carbenes to their Mimics

T. S. ANDY HOR

Department of Chemistry, National University of Singapore, 117543,

Singapore; andyhor@nus.edu.sg

N-heterocyclic carbene chemistry continues to advance in a blistering pace. Among the many ligand designs, there are pure-breed carbenes. There are also mimics, hybrids and other variations.[1] In this presentation, the speaker will discuss the latest developments in his laboratory on the synthesis, structures and catalytic applications of the numerous forms of metal carbenes.



[1] N. Ding, J. Zhang and T. S. A. Hor, *Dalton Trans.*, **2009**, 1853; J. J. Hu, F. W. Li and T. S. A. Hor, *Organometallics*, **2009**, 28, 1212.