

Internal Webinar

Low Valent Main Group Complexes: Easy or Difficult to Stabilize?

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Low valent main group complexes has been a topic of immense interest among the ongoing topics in chemical sciences because of their applications in small molecule activation and catalysis. Among such low valent species, divalent C(0) and divalent N(I) compounds have found special attention because of their intriguing electronic structure. Stabilization of such compounds was made possible by electron donating ligands such as carbenes. In this talk, theoretical and experimental aspects of these compounds will be discussed.

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02:30PM