

Internal Seminar

Ligands for the Stabilization of Heavier Multiple Bonded Compounds

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Low-valent main and transition metal compounds are an exciting research field in the area of organometallic chemistry. The use of sterically crowded ligands helps to stabilize species by kinetically and thermally, with new types of bonding, low coordination numbers, and high reactivity. Among them N-Heterocyclic carbenes (NHCs) and Terphenyl ligands have been chosen as an effective class of bulky ligand for the stabilization of main group elements. Here, we are aiming to develop the novel sophisticated synthetic strategies for the preparation of highly challenging classes of low-coordinate derivatives of the heavier main group elements and analysis of their structural and synthetic properties.

Wednesday, Sep 21st 2016

2:00 PM (Tea/Coffee at 1:45 PM)

Seminar Hall, TCIS