



Univerzita Karlova v Praze, Přírodovědecká fakulta

Katedra organické a jaderné chemie
zve všechny zájemce na přednášku z cyklu

Quo Vadis Chemie

Organo-di-Metallic Reagent: Synthesis, Reaction and Synthetic Applications



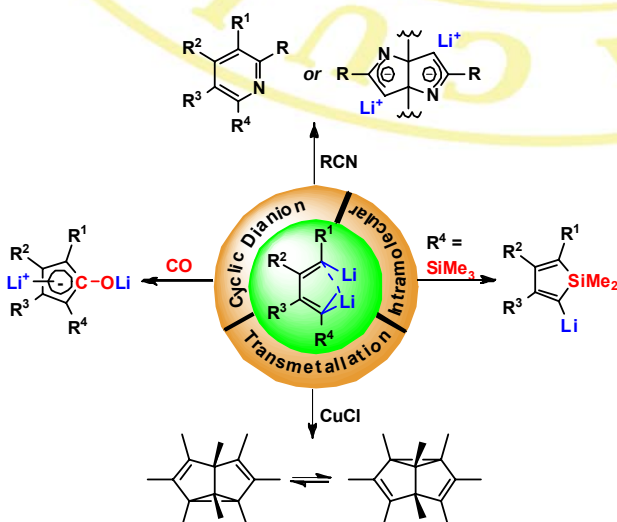
kterou přednese

Prof. Zhenfeng Xi

College of Chemistry, Peking University

dne 24.6. 2011 v 10:00 hod.
v posluchárně CH3, v budově chemických kateder PŘF UK
Hlavova 8, Praha 2

Abstrakt:



In this presentation, our work on new reactions and synthetic applications of the organo-di-metallic reagents, with focus on 1,4-dilithio-1,3-butadienes, will be outlined.¹ The dimetallic 1,4-dilithio-1,3-butadienes and their transmetalated derivatives provide unique synthetic organometallic reagents that are very different from monometallic reagents, both in terms of reactivity and synthetic application. These organo-dimetallic reagents provide access to interesting and useful compounds that are not available by other means.

1. Xi, Z. *Acc. Chem. Res.* **2010**, 43, 1342.