The organometallic reactivity of high-valent Pd and Ni complexes

Professor Liviu Mirica
Department of Chemistry
Washington University in St. Louis

High-valent Pd and Ni complexes have been proposed to play an important role in a number of C-C and C-heteroatom bond formation reactions. In this context, a series of stable mononuclear Pd(III) and Pd(IV) complexes supported by multidentate N-donor ligands have been synthesized and their oxidative reactivity was investigated. In addition, organometallic Ni(III) and Ni(IV) complexes relevant to cross-coupling reactions have been isolated and their reactivity was studied in detail. The intermediacy of such high-valent Pd and Ni species in other organometallic reactions will also be discussed.

Additional information
z.umn.edu/LiviuMirica

Open Forum
Work-life balance in graduate school
4:30-5:30 p.m. Thursday, Sept. 13
Kate & Michael Barany Conference Room
117/119 Smith Hall

Host: Professor Connie Lu
Refreshments will be served prior to the seminar.

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