

化学科講演会のお知らせ

講演題目： "Chemical Reactivity of Indenyl-Ruthenium Vinylidene Complexes"

講師： Professor Hui-Ling Sung

(National Taiwan Normal University)

日時： 2月23日 (月)

15時30分より

場所： 南7号館7階セミナー室

Summary: We synthesized a series of ruthenium vinylidene complexes, which are stable in solid state but display high reactivity in the reaction with organic reagents. Cyclopropenyl or furyl ruthenium complexes could be generated via deprotonation of these vinylidene complexes. *N*-coordinated ruthenium complexes can be obtained by reaction of vinylidene complexes with TMSN_3 . Furthermore, when the reaction occurred in cyclopropenyl ruthenium complexes with TMSN_3 , various substitutes of the three-member ring presented different chemical reactivity.

問い合わせは秋山まで