NANYANG TECHNOLOGICAL UNIVERSITY

CBC SEMINAR ANNOUNCEMENT

Professor Junliang Zhang
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From Enyne to Small Ring

In first part, various transformations of the electron-deficient conjugated enynes with nucleophiles and eletrophiles or 1,3-dipoles have been developed under the catalysis of base and transition metals, leading a series of carbocycles, heterocycles and acyclic compounds such as 1,3-diene, 1,2-allene. In second part, the chemistry of small rings including cyclopropane and small heterocyclic rings such as epoxide and azirdines will be presented. And two strategies will be introduced to achieve the selective C-C bond cleavage of epoxides under mild conditions. A first rhodium catalyzed hetero[5+2] cycloaddition will be also presented.

Date:	**11th April 2012 (Wednesday)**
Time:	**11am – 12:30pm**
Venue:	**NTU SPMS CBC Building Level 2, Conference Room**
Host:	**Asst Professor Robin Chi Yonggui**