



Einladung zum Vortrag von

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**Prof. Dr. André B. Charette**  
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**„Synthesis of new substituted zinc carbenoids and  
their application in cyclopropanation reaction“**

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The Simmons-Smith reaction is a well-known process to deliver a methylene unit into an alkene. The preparation of 1,2,3-substituted cyclopropane in a diastereocontrol fashion is a much more challenging goal since it involves the preparation of  $\alpha$ -substituted zinc carbenoids that are potentially too unstable and/or not sufficiently reactive to undergo cyclopropanation. In this lecture, the preparation of novel  $\alpha$ -substituted zinc carbenoids will be presented and their applications to the synthesis of enantio-enriched 1,2,3-substituted cyclopropanes will be discussed. Further applications of cyclopropane building blocks will be highlighted.

Freitag, 28. Oktober 2016, 16:15 Uhr  
Hörsaal 3 der Fakultät für Chemie  
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