

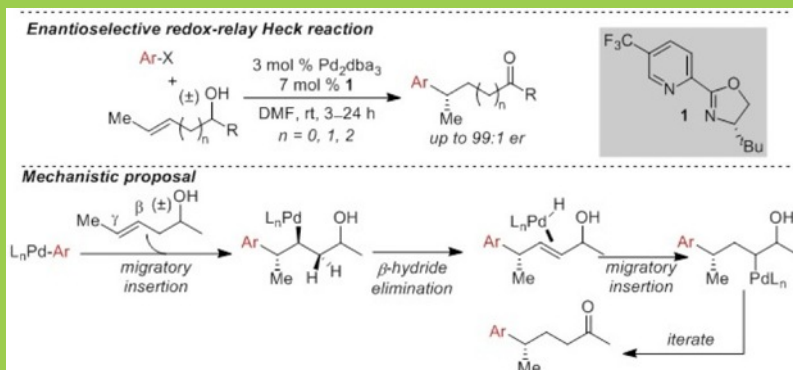
# CONFÉRENCE DU CCVC



**PROFESSEUR MATTHEW SIGMAN**  
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University of Utah

## “ PALLADIUM-CATALYZED ALKENE FUNCTIONALIZATION REACTIONS FOR SYNTHESIS ”

Critical to the development of catalysts with practical potential in synthetic chemistry is a fundamental understanding of the mechanistic features which lead to a robust and selective catalytic system. Within this regard, our group has focused on the development of new palladium catalysts for various oxidation and cross-coupling reactions wherein mechanistic analysis has played a vital role in catalyst and reaction design. This presentation will focus on our recent efforts to design new reactions with a particular emphasis of redox-relay enantioselective Heck reactions, wherein exquisite control of migratory insertion and  $\beta$ -hydride elimination is required for a successful outcome.



- > Mercredi 10 décembre 2014
- > 11:00
- > Salle Z-317
- Pavillon Claire McNicoll

> BIENVENUE À TOUS !

Faculté des arts et des sciences  
Département de chimie

Merci à nos commanditaires

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