

# 化学科講演会のお知らせ

講演題目：Chiral Lewis Bases for  
Asymmetric Organocatalysis

講師：Professor Mario Waser  
(University of Linz, Austria)

日時：11月24日(金) 15時30分より

場所：南7号館7階セミナー室

講演概要：Chiral Lewis bases (LBs) are versatile nucleophilic organocatalysts that allow for numerous highly enantioselective transformations. Over the last years our group had a strong interest in the utilization of chiral LBs (i.e. isothioureas, phosphines, amines) for the activation and control of simple carboxylic acid derivatives (via in situ C1 ammonium enolate formation) and allenolates (via in situ betaine formation) for numerous applications. In this presentation I will give an overview of our most recent results, presenting past and ongoing investigations focusing on the development and mechanistic understanding of new cyclization reactions as well as new  $\alpha$ -functionalization chemistry.

問い合わせは秋山まで