



Prof. Dr. Frank Glorius

Mild, versatile and strategic: C-H activation and asymmetric arene hydrogenation

Abstract:

The fields of C-H activation and asymmetric arene hydrogenation have the potential to dramatically change the way how molecules are made. In this talk, recent important trends in the field of C-H activation will be identified: mild transformations, non-chelate assisted (undirected) C-H activations and C-H activations for the efficient formation of strategic bonds. In addition, progress in the exciting field of asymmetric arene hydrogenation will also be analyzed. If time allows, a few comments will be made on a recently developed robustness screen that allows the rapid assessment of chemical reactions.