



Einladung zum Vortrag von

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**Prof. Tristan H. Lambert**

Department of Chemistry, Columbia University

**“Aromatic Ions for Catalyst Design”**

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Our group is interested in exploring the use of unique structures in catalysis. A particular focus has been the design of catalyst platforms using aromatic ions such as cyclopropenium cation and cyclopentadienyl anion.

With this program, we are seeking to develop broadly applicable paradigms for substrate activation that capitalize on the unique reactivity of these ionic aromatic motifs. This lecture will focus on our development of cyclopropenimines as a highly effective platform for enantioselective Bronsted base catalysis and penta-carboxycyclopentadienes (PCCPs) as a new class of enantioselective Bronsted acid catalysts.

Mittwoch, 18. April 2018, 16:15 Uhr  
Hörsaal 3 der Fakultät für Chemie  
Währinger Straße 38, 1090 Wien

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