



At the Institute for Catalysis (INCA) at JKU Linz (Austria)

Two PhD positions (each 50%, 3 years) are available in the area of homogeneous catalysis/organic synthesis/organometallic chemistry in a collaborative FWF-funded project. The topic of the project comprises the development and synthesis of novel chiral ligands for late 3d metal catalysts, metalation strategies for the assembly of such catalysts, as well as synthesis and testing of substrates for cyclotrimerization/C-H functionalization reactions under thermal/photochemical conditions. Further topics are postfunctionalization of such compounds and photochemical investigations of the cyclization products. The international collaboration with Charles University Prague (Czech Republic) is part of the project.

Eligible candidate for the position should have:

- experience in working under inert gas conditions using Schlenk technique/glovebox and organic synthesis;
- good knowledge of catalysis, organic chemistry, and organometallic chemistry, and the standard analytical methodologies
- very good knowledge of German/English
- high motivation to work in an international team

The INCA is the youngest institute at the Department of Chemistry at the JKU. We are a highly motivated group working on homogeneously/heterogeneously catalyzed reactions to uncover the beauty of catalysis in a productive&inspiring working and living atmosphere.

Interested? For further information see www.jku.at/institut-fuer-katalyse and contact Prof. Marko Hapke (e-mail: marko.hapke@jku.at).