



PhD Position (m/f/d)

In the area of catalytic conversion of renewable resources - 410-02/2019

The Leibniz Institute for Catalysis e.V. (LIKAT) with approx. 300 employees and guests is one of the leading European research institutions in the field of catalysis. LIKAT is a competent partner for the research and development of homogeneous and heterogeneous catalysts as well as catalytic processes and technologies. LIKAT's focus is on application-oriented basic research and applied research. Therefore, it cooperates with industrial companies and research institutes worldwide.

The research group of Prof. Dr. J. G. de Vries/Dr. Sergey Tin has an opening for a PhD position in the department of "Catalysis with Renewable Resources".

Your task

You will develop new catalytic methods for the conversion of the platform chemical 5-hydroxymethylfurfural (or sugars directly) into valuable compounds, such as C₆-aromatic molecules.

Your competence

We are looking for someone with a Masters degree in chemistry, who has performed his/her Masters research in the area of homogeneous catalysis, organic synthesis or organometallic chemistry, preferably with knowledge in the area of chemicals from renewables. Good spoken and written English is required. The candidate must be highly self-motivated and be willing to learn to work independently on a high scientific level.

We offer a challenging PhD position in an international research group in an excellent environment at the LIKAT Rostock. This position is part of the Leibniz WissenschaftsCampus ComBiCat, which includes LIKAT, Universities of Rostock and Greifswald, and the Leibniz Institute for Plasma Science and Technology (INP). The position is available from the 1st of October 2019 and is restricted to three years. The salary is based on public service rates of the German states (E13 TV-L, 50%).

LIKAT supports professional equality of women and men and so applications from women are most welcome. As women are underrepresented in this sector at LIKAT preference will be given to women with equal qualification. Disabled applicants with equal qualification and aptitude will be given preferential consideration.

Please, send your application (including C.V., list of publications, copies of relevant examination certificates and names of two referees) as an e-mail (in one pdf file) quoting the reference number **410-02/2019** to sergey.tin@catalysis.de and johannes.devries@catalysis.de until **30th of June 2019**.

Unfortunately, application and travel costs cannot be reimbursed.