

At the institute of Chemical Reaction Engineering (working group biomass and sustainable production of platform chemicals) the following position is available as of now:

### Research assistant (w/m/d) with doctoral thesis

The working group biomass and sustainable production of platform chemicals focuses on the substitution of fossil based chemicals with basic chemicals based on renewable raw materials.

#### **Your task:**

The doctoral thesis is part of a three-year project funded by the DFG. Research goal is to explore the influence of N- and O-containing heteroatoms on the desulfurisation of heavy oils and liquid fuels. The sulfur removal is accomplished by a novel concept developed in collaboration with the Department of Chemical Engineering at the University of Bayreuth. It is based on the catalytic oxidation of organic sulfur compounds using aqueous polyoxometalate solutions.

#### **Your profile:**

- A university master degree in engineering, chemistry or similar.
- Enjoying independent scientific work.
- Experience in working in chemical laboratories.
- Previous knowledge in chemical reaction engineering or technical chemistry.

#### **Additional Information:**

Please send enquiries and your application with all important documents by e-mail to:

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