

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:

A priority of our research is catalysis with polyoxometalates (POMs). POMs are complex compounds of light transition metals in their highest oxidation state linked together by oxygen. POMs are a unique class of metal oxides due to their structure and reactivity as well as their chemical and physical properties. POMs offer significant advantages through their multifunctionality and structural versatility for their use as catalysts for the conversion of biomass into value added chemicals. To strengthen our team, we are currently looking for an inorganic chemist who contributes experience in both the synthesis and the analysis of inorganic materials.

Your profile:

- A university master degree in chemistry with a focus on inorganic materials or inorganic synthesis.
- Experience in dealing with relevant analytical methods (FTIR, XRD, ICP etc.)
- Enjoying independent scientific work.
- Prior knowledge in chemical reaction engineering or technical chemistry is advantageous.

Additional Information:

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

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