

University of Stuttgart
Institute of Polymer Chemistry

Chair of Macromolecular Materials and Fiber
Chemistry



Collaborative Research Center 1333

Molecular Heterogeneous Catalysis in
Confined Geometries

Prof. Dr. Michael R. Buchmeiser

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Within the Collaborative Research Center (CRC) 1333 – **Molecular Heterogeneous Catalysis in Confined Geometries** – at the Institute of Polymer Chemistry (Prof. Dr. Michael R. Buchmeiser), University of Stuttgart, Campus Stuttgart-Vaihingen, we offer two positions as

Scientific Coworker (Doctoral Researcher)
Pay grade 67% 13 TV-L

starting September 1, 2023 to work on a subproject of the CRC 1333.

Job Description

- Position 1: Tuning of C₆/C₈ selectivity in the metal-catalyzed oligomerization of ethylene by exploiting confinement effects
- Position 2: Cooperative asymmetric dual / multiple activation organometallic catalysis under confinement

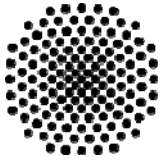
Requirements

The position requires a University Master's degree (or equivalent) in Chemistry. Specifically, we would like to encourage candidates with the following qualifications to apply:

- Profound knowledge in synthetic organometallic chemistry
- very good oral and written English language skills
- above-average academic achievements
- Identification with the multidisciplinary nature of the collaborative research center (catalysis, materials science, analytical chemistry, theory and simulation science) and the enthusiasm to learn beyond the individual research topic
- Willingness to actively participate in CRC events and qualification measures

All doctoral researchers of CRC 1333 are part of a structured graduate program of the University of Stuttgart. The CRC will ensure an interdisciplinary doctoral education and give opportunity for interdisciplinary scientific exchange.

Closing date is **July 31, 2023**. Please send your application together with all important documents to the Institute of Polymer Chemistry, University of Stuttgart, **Prof. Dr. Michael R. Buchmeiser, Pfaffenwaldring 55, D-70569 Stuttgart** or to **michael.buchmeiser@ipoc.uni-stuttgart.de**. In case you send your application in paper form please make sure to send only copies of important documents as we will not send anything back to you. After completion of the selection process, we will dispose of your documents as required by data protection laws.



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For further information please contact Dr. Dongren Wang +49 711 68564046 or via E-mail:
dongren.wang@ipoc.uni-stuttgart.de

The University of Stuttgart seeks to increase the share of women in scientific positions and therefore explicitly encourage women to apply. In cases of equal qualification and within the given legal scope, women will be given preference. Applications of disabled persons with equal qualifications will be regarded favorably.

Data Protection Information:

When you apply for a position with the University of Stuttgart, you are submitting personal information. With regard to personal information, please take note of the *Datenschutzhinweise gemäß Art. 13 Datenschutz-Grundverordnung (DSGVO) zur Erhebung und Verarbeitung von personenbezogenen Daten im Rahmen Ihrer Bewerbung*. (data protection information on collecting and processing personal data contained in your application in accordance with Art. 13 of the General Data Protection Regulation (GDPR)). By submitting your application, you confirm that you have acknowledged the above data protection information of the University of Stuttgart.