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 one position as Scientific Coworker (Doctoral Researcher) Pay grade 50% 13 TV-L starting November 1, 2020 to work on the subproject of SFB 1333 “Monolithic polymeric supports with uniform pore diameter and tailored functional groups”

Your tasks

1. Generation of a tailored porosity via soft-templating
2. Synthesis of surfaced-modified nanoparticles
3. Generation of mesoporous polymeric monolithic supports
4. Variation of pore diameter and pore geometry
5. Functionalization of monoliths
6. Pore size-selective functionalization of monoliths

Anforderungsprofil

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

1. Knowledge on polymer synthesis and materials analysis highly desirable
2. Very good written and oral communication skills (English)
3. Above-average academic achievements
4. 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 your individual research topic
5. Willingness to actively participate in CRC events and qualification measures

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

Closing date is October 15, 2020. 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, 70569 Stuttgart or to Michael.buchmeiser@ipoc.uni-stuttgart.de. In case you send your application in paper form please make sure you only send 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.

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

The University of Stuttgart would like to increase the proportion of women in the scientific field. Therefore, women are explicitly encouraged to apply. Severely handicapped persons will be given priority in the event of equal aptitude. We promote gender equality and diversity.

With the submission of your application, you accept the processing of your applicant data in terms of the data-protection law. Further information on the legal basis and data usage according to article 13 of the General Data Protection Regulation (GDPR) is provided at https://www.uni-stuttgart.de/en/privacy-notice/job-application/.

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Kontakt

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<tr>
<th>Vorname</th>
<th>Dongren</th>
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<tbody>
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Link zu dieser Stellenanzeige: https://www.stellenwerk-stuttgart.de/jobboerse/wissenschaftl-stellen-phd-student-mfd-200902-396632#comment-0

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