



Universität Stuttgart

The Institute for Materials Science of the University of Stuttgart seeks a

PhD student (f/m)

for a three years position.

The Chair of Chemical Materials Synthesis at the Institute for Materials Science develops materials for new and sustainable energy technologies. We focus on fundamental research in solid-state chemistry and physics aiming to improve the properties of materials.

We are looking for an individual for an interdisciplinary research project on plasma-induced CO₂-conversion for regenerative energy storage. The successful candidate will work on computer-based materials development and characterization of new perovskite-type oxygen transport membranes for oxygen separation from a plasma.

The position requires a master degree in materials science, chemistry or physics, as well as scientific expertise in computer-aided material design. Analytical skills, self-motivation and the willingness to cooperate with internal and external partners are expected. English proficiency is a must, a good command of German would be a plus.

The University of Stuttgart is committed to increase the percentage of women in its workforce and we explicitly invite women to apply. Disabled people with equal qualification will be given preference. Recruitment is the responsibility of the central university administration.

We are looking forward to receive your application by May 31, 2017 (Prof. Dr. Anke Weidenkaff, Universität Stuttgart, Institut für Materialwissenschaft, Heisenbergstr. 3, 70569 Stuttgart, E-Mail: office-weidenkaff@imw.uni-stuttgart.de).

If you have questions, please contact Dr. Marc Widenmeyer (+49 711 685 61952; E-Mail: widenmeyer@imw.uni-stuttgart.de).

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