

June 2024

LIKAT chemist Eszter Baráth appointed professor

Dr. habil. Eszter Baráth has held the professorship "Synergies between Homogeneous and Heterogeneous Catalysis" at the University of Rostock since June 1. Her certificate of appointment as professor was ceremoniously presented to her at the end of May.

Eszter Baráth has been conducting research at the Leibniz Institute for Catalysis, LIKAT, in Rostock since 2021 and joined the institute's management team as a member of the Board at the end of last year. As a newly appointed professor, she teaches "Synergies between homogeneous and heterogeneous catalysis" at the Faculty of Mathematics and Natural Sciences at the University of Rostock.

Prof. Baráth was born in 1980 and was born in Hungary. She studied Chemical Engineering at the Pannonian University of Veszprém (Veszprém, Hungary) and received her doctorate in Chemistry from the same university with summa cum laude. In 2020, she habilitated at the Technical University of Munich at Chair 2 for Technical Chemistry. Eszter Baráth has international experience through research stays at the University of Kyoto, among others.

One focus of her research is on the molecular processes on the surfaces of solid catalysts and their interaction with their liquid or gaseous environment, i.e. with the starting materials and intermediate products of a chemical reaction. The aim is to transfer the advantages of homogeneous catalysis, in which all substances involved in the reaction are present in dissolved form, to heterogeneous catalysis. In contrast to the other reaction participants, the catalyst is always in a solid state.



Contact:
Prof. Dr. Eszter Baráth
E-Mail: Eszter.Barath@catalysis.de