

Biography Priv.-Doz. Dr. Marcus Rohnke

Marcus studied chemistry at Hanover university and graduated in 1999 with a diploma thesis in the field of solid-state electrochemistry. Within his PhD thesis at Justus Liebig (JLU) University Giessen he focused on the interaction of low temperature plasmas and oxygen ion conductors. During PhD, he spent several research stays at Imperial College in London in the group of Prof. John Kilner and learned SIMS from scratch on a huge Atomika quadrupole machine. After a short Postdoc stay with Prof. Tatsuya Kawada in the materials science department at Tohoku University (Sendai, Japan) he took over in 2005 a permanent position as research officer at JLU Giessen. Here he built up a SIMS laboratory at the Institute for Physical Chemistry and is heading the laboratory since more than 17 years. Marcus research work is dedicated to reactions and diffusion in materials and at materials interfaces. This covers a broad field from bone to battery materials research. Actually, Marcus is senior research officer and private lecturer for physical chemistry at JLU Giessen. He is coauthor of more than 110 publications in peer reviewed journals, two patents and one book chapter.

