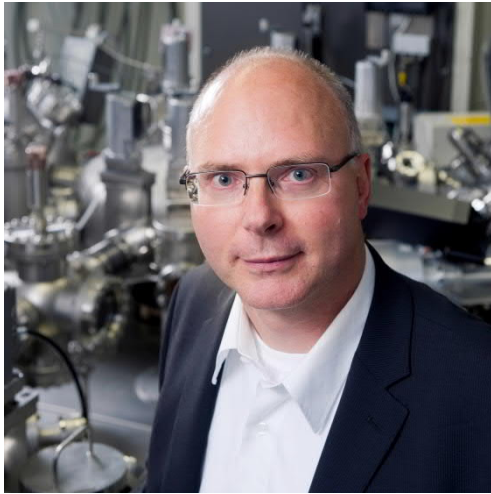


Michael Rohwerder



Michael Rohwerder is head of the corrosion research group at the Max-Planck-Institut für Eisenforschung GmbH (MPIE) in Düsseldorf (Germany). He studied Physics at the University of Hamburg and obtained his doctoral degree from the University of Düsseldorf. Postdoctoral stays followed at the University of Texas at Austin and the University of Erlangen. In 2000, he joined MPIE, where he mainly works on electrochemical reactions on surfaces and at interfaces, corrosion and self-healing coatings. He was awarded a Christian Doppler Laboratory (CDL for Diffusion and Segregation, 2008-2014), where he developed novel Kelvin probe-based methods for highly sensitive and spatially resolved hydrogen detection and studying electrochemical reactions buried interfaces. Michael is member-at-large of the Corrosion Division of the Electrochemical Society and editor of *Materials & Corrosion*. His corrosion research at MPIE is covering a wide range from novel zinc alloy coatings, self-healing organic coatings, hydrogen in metals to high-temperature grain boundary oxidation. Key to his research are dedicated model experiments and the development of new experimental techniques, which extend also towards fundamental electrochemistry. He has published more than 200 peer-reviewed papers and has an h-index of 40. 2023 he was awarded the European Corrosion Medal.