

Peter Fischer gained his PhD in Physical Chemistry at Heinrich-Heine-University Düsseldorf. Since 2005 he works with energy converters like fuel cells and flow batteries. During his university career, he developed analytical instruments for PEM-fuel cells, e.g. locally resolved micro-Raman probes for the detection of gases in PEM - fuel cells in collaboration with German Aerospace Center (DLR) Stuttgart and Center of fuel cell research (ZBT) in Duisburg.

Since 2011 he is the group leader of the Redox Flow Battery Group at the Applied Electrochemistry Department at Fraunhofer Institute for Chemical Technology (ICT). In his position, he is responsible for the light-house project RedoxWind. In this project a large scale vanadium redox flow battery will be installed on the ground of Fraunhofer ICT. His research interests are vanadium as well as bromine chemistry as well as stack technology.