

Oral Presentation “Electrochemistry—a Question of Potential”

Abstract

Electrochemistry has gained a lot of attention in recent decades; just think of the ubiquitous batteries, but also of the increasing importance of electromobility. The interaction between the chemical potential of the electrons and the electrical potential results, for instance, in the galvanic voltage of an electrochemical half cell (Nernst equation). This opens the door to a wide range of applications. The Daniell element represents the first experimental step into the topic.