

Sebastian RISSE – CV

Dr. Sebastian Risse is a physicist and has been leading a research group on electrochemistry at Helmholtz-Zentrum Berlin (HZB) since 2017. He received his Ph.D. from the University of Potsdam in 2013, and after a six-month stay abroad in New Zealand, he came to HZB to take up a postdoctoral position on Li/S batteries. Besides being deputy head of the department for "Electrochemical Energy Storage" and the joint research group "operando Battery Analysis", he coordinates the battery science case for the new synchrotron BESSY III. Mr. Risse is currently coordinating three BMBF projects (SkaLiS, FestPoLiS & NaSeFest) and is also represented in consortia of other third-party-funded projects. Furthermore, he represents the HZB in the "Battery European Partnership Association" (BEPA). Besides his general reviewing activities for many different journals, he is a review editor in "Frontiers in Chemical Engineering" and is currently responsible for a special issue on the operando analysis of batteries in the journal "Batteries". Currently, Mr. Risse is working as a lecturer at the Humboldt University in Berlin (WG Adelhelm) as part of his habilitation. His main fields of interest in analytical methods are impedance, Raman, UV/vis spectroscopy, small angle scattering, reflectometry, and imaging.