

CV

Prof. Dr.-Ing. Oliver Bohlen
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Oliver Bohlen received a diploma degree in engineering physics from the University of applied sciences in Emden and a PhD in electrical engineering from RWTH Aachen University. From 2007 until 2014 he worked at the BMW AG in Munich as a development specialist and coordinator for advance development for electric vehicle battery systems.

In 2014 he was appointed as Full Professor for “Electric Energy Storage and Conversion” in the Faculty for Electrical Engineering and Information Technology and 2019 scientific director of the Institute for Sustainable Energy Systems ISES at the Munich University of Applied Sciences

His field of activity is storage system design from battery cell to complex systems including electronics and control software. The research focus is the optimized design and operating control of electrical energy storage systems in different applications, primarily e-mobility and renewable energy supply as well as real-time diagnosis of important state variables such as state of charge and state of health and failure detection. Simulation and model based algorithms are employed in many of these topics. The main technologies in focus are lithium-ion batteries and their electrical, thermal and mechanical characteristics.