

Dr.-Ing. Eric MSP Veith

Eric Veith is manager of the *Competence Cluster Applied Artificial Intelligence* and leader of the research group *Power Systems Intelligence at OFFIS – Institute for Information Technology*, Oldenburg, Germany. Here, he focuses his research efforts in developing the *Adversarial Resilience Learning* (ARL) methodology, a multi-agent deep reinforcement learning technique in which two agents compete against each other for control of a complex cyber-physical system. ARL allows faster and more robust policy learning than other deep reinforcement learning frameworks.

He obtained his Ph.D. from the Freiberg University of Mining and Technology, Freiberg, Germany, in 2017. In his thesis, he proposes the *Universal Smart Grid Agent for Distributed Power Generation Management*, a multi-agent system for power grid control for real and reactive power scheduling. His diploma studies were focused on network protocols and architectures.

Eric Veith contributes to several AI initiatives on national and international level, such as the *Plattform Lernende Systeme* (platform for learning systems), the AI policy platform of the German ministry for research and education, and is part of the *Transatlantic Cyber Forum* of the *Stiftung neue Verantwortung*.