

Eric MSP Veith



Eric is computer scientist by heart. He obtained his diploma in 2010; his studies initially focused on computer and communication networks. During his PhD, he devised a Multi-Agent System for guaranteed optimal real power equilibria in distribution grids with a high amount of volatile, distributed, renewable energy resources.

In 2017, after his PhD, he joined the computer science institute OFFIS in Oldenburg, Germany. Here, he created Adversarial Resilience Learning (ARL), a methodology based on Deep Reinforcement Learning to analyze a cyber-physical energy system for weaknesses and let the agents reliably learn strategies for a resilient operation.

Since 2022, Eric leads his own junior research group at the University of Oldenburg, Germany, focusing on extended agent architecture based on ARL that allow for guarantees and explainability and supervising PhD candidates in this particular area of research. Eric is member of Germany's federal platform for artificial intelligence (PLS), of the Transatlantic Cyber Forum, the German standardization organization (DIN), and serves in the TCP of IARIA's ENERGY conference series, as well as the ACM e-Energy.