



# LASSE HAMMER

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## CONTACT

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Lasse Hammer is a scientific researcher in the R&D Division Energy at OFFIS e.V. in Oldenburg, Germany. After studying computer science and receiving a Master of Science degree at the University of Oldenburg, he joined OFFIS in 2019 as part of the work group Power Systems Intelligence.

He is researching the applicability of AI in various energy related domains. In the research project *FRESH*, he works on predicting the usage of automated guided vehicles at the container terminal Altenwerder in Hamburg to allow the usage of the vehicles' batteries for grid flexibility provision.

As a co-developer of the Adversarial Resilience Learning framework *palaestrAI*, he helped to build an important tool for analyzing systems with learning agents. He uses it in his personal research in optimizing hybrid renewable energy systems as well as in the upcoming *RenovAlte* project, which aims to improve the resilience of renovation plans in the housing and road domains.