Mona Gierl

Mona Gierl is a PhD student at Karlsruhe University of Applied Sciences in cooperation with Karlsruhe Institute of Technology. As part of her PhD research, she has been delving into automotive security since 2019 and is working on the downstream challenges of security assessment in road transport.

Previous to 2019, she completed her master's degree in electrical engineering, where she acquired her competencies in vehicle communication and networking by writing her thesis on Time-Sensitive Networking for Automotive Ethernet at Intel Germany.

With the increasing digitalization and connectivity of vehicles, Mona believes there is a need for a holistic approach to security assessment. Placing emphasis on application-oriented approaches, she is conducting research in the field of security assessment specifically in periodic technical inspections and aims to integrate the scientific methods into the legal framework of vehicle regulations to promote future standardisations.