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M. Sc. Dustin Witte

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Main fields of research

Dustin Witte works as a research associate at the Institute for Security Systems; dealing with the assessment of security risks in the field of critical infrastructures. His primary research focus represents the field of developing models and methodologies in order to analyse threats, vulnerabilities and consequences as well as integrating these methodologies. In the analysis process uncertainties are considered and evaluated by means of probabilistic theory.

Scientific career

Dustin Witte was born in Solingen in 1993. After graduating from highschool, he studied Mechanical Engineering at the University of Wuppertal and graduated in 2020 with distinction as M. Sc. During his studies, he worked already as a graduate assistant at the Institute for Security Systems. He even wrote his master thesis at the ISS entitled „Analysis of threat scenarios in the field of physical security“. After graduation, Dustin Witte started working as a research associate at the Institute for Security Systems. He is now involved in recent studies concerning the protection of critical infrastructures and security of supply.

Publications

Witte, D., Lichte, D., Wolf, K.- D. *On the Impact of Epistemic Uncertainty in Scenario Likelihood on Security Risk Analysis*. In: Proceedings of the 33rd European Safety and Reliability Conference (ESREL 2023, Southampton, United Kingdom, 03.09. – 08.09.2023). Ed. by Mário P. Brito, Terje Aven, Piero Baraldi, Marko Cépin und Enrico Zio, doi: 10.3850/978-981-18-8071-1_P603- cd

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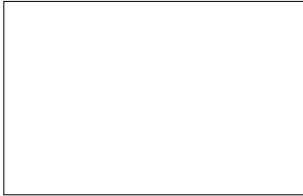
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