WWU MÜNSTER

FACHBEREICH PHYSIK

Allgemeines Physikalisches Kolloquium

Donnerstag, 19.12.2019 um 16 Uhr c.t.

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Future vehicular mobility transition and its impacts on CyberSecurity

Since introducing technology for “autonomous and connected driving”, security was mostly an afterthought. But failures can damage brands or even kill passengers, and undermine trust of the public in the future mobility concepts. The industry is slowly starting to incorporate improvements, especially since the hacks of connected vehicles by white hat hackers on public TV. We will encourage the executive management to recognize these issues, understand how to think about the security risks and achieve the future, bright society.

- ✓ Security not just as a cost but investment for developing the future and brand differentiation (ex: Apple iPhone)
- ✓ Learning and incorporating IT/network security principles of the past decades, but spotting key differences (e.g. shutting down a system on a security breach is not feasible in a moving vehicle)
- ✓ Security and privacy implications for MaaS (Mobility as a service), shared mobility
- ✓ Traffic management systems in scope of connectivity & security
- ✓ Working together with security researchers instead of PR only downplaying a vulnerability’s significance

A positive image should be brought from how the technology can be adopted in the European countries and then how it changed the situation.

Kolloquiums-Kaffee
ab 16 Uhr vor dem Hörsaal

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