

Lunch Talk

PV XI Wed 13:15 HSZ/AUDI

From ab initio to nemo tenetur – Working on cyber crime as an IT analyst with the State Criminal Police Office —
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While many workplaces pride themselves with providing 'unique challenges every day', I believe that working in law enforcement is one of the rare fields where this statement might be true for the whole length of one's career. As an IT analyst with the Landeskriminalamt Rheinland-Pfalz, the State Criminal Police Office of Rhineland-Palatinate, one faces new and complicated puzzles almost daily. Solving these puzzles, doing proper documentation on them and explaining

the results to detective colleagues and later to the prosecutor's office lie at the core of the support of ongoing investigations. Additionally there is some research-like work, where new tools, tactics and procedures have to be developed to expand the possibilities of the state police.

In this talk, after giving an overview of the legal framework, I would like to present how an analyst might work on a fictitious case to collect evidence pointing towards the perpetrator of a cyber crime. While there are no differential equations to solve and also no density functional theory simulations to run in such a case, a strong analytical mindset and simple procedures in data analysis can greatly improve the end result of an investigation.