

Dr. Alexander Novotny MSc. is an information security and privacy specialist and interested in the human-centered design of technology.

He is a **member of the IEEE P7000** engineering methodologies for ethical life-cycle concerns working group addressing ethical considerations throughout the various stages of the IT system development lifecycle (SDLC). Alexander is an **information security manager of cyber risks in the utilities industry** and **member of the EE-ISAC** (European Energy Information Sharing and Analysis Centre) dealing with joint analysis of cyber threats, vulnerabilities, incidents, solutions and opportunities to improve the resilience and security of the European energy infrastructure.

He is a **certified CIS information security manager** according to ISO 27001, as well as a **certified auditor for the IT-security** of critical infrastructures according to § 8a (3) BSIG of the German IT-security law ("IT-Sicherheitsgesetz"). Moreover, he has been serving as a **standardization expert for digital marketing and privacy** at the Austrian Standards Institute.

Furthermore, he is a **member of the Sustainable Computing Lab** at the Vienna University of Economics and Business addressing human and ethical issues in computing research.

Dr. Novotny has been **teaching lectures** on information privacy and security, the digital society, ethical computing, and information and communication technology.

Publications:

<https://bach.wu.ac.at/d/research/ma/10339/#publications>