Hannes Tschofenig

University of Applied Sciences Bonn-Rhein-Sieg, Chair of Institute for Cybersecurity & Privacy

Current technology activities:

- PQC algorithms and their integration into security protocols

- (Industrial) Internet of Things security

- Confidential Computing and Remote Attestation

- Performance of IPsec in cloud environments/data centers

- Application layer security

Questions

- How can real-world system security be improved, given that many existing solutions are still underused by developers and operators?

- How do current regulations (e.g., NIS 2, CRA, RED) influence both security practices and innovation in the field?

- How is the rise of AI reshaping computer science education?

- How does the economic downturn in Europe affect priorities in research and development?

- How can unintended or harmful uses of security technologies by companies be effectively prevented?