A U S H A N G

FREIE UNIVERSITÄT BERLIN
Fachbereich Mathematik und Informatik

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D I S P U T A T I O N

Donnerstag, 19. Januar 2023, 12:00 Uhr

WebEx

Disputation über die Doktorarbeit von

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Thema der Dissertation:
A Vulnerability Management Solution for constrained IoT devices with a Trusted Execution Environment using a Hardware Root of Trust

Thema der Disputation:
Use and Misuse of the IoT - Recent Challenge

Die Arbeit wurde unter der Betreuung von **Prof. Dr.-Ing. J. Schiller** durchgeführt.

Abstract: The popularity and prevalence of Internet of Things (IoT) devices has been ever increasing. They have found their way into our everyday lives and increasingly transform our living environments into smart homes. However, most of these constrained devices do not possess sufficient computational power, memory, and battery runtime in order to implement security features that are common to general purpose personal computers. Hence, the increasing numbers of interconnected consumer IoT devices are followed by an increase of their attack surface and vulnerabilities. This talk provides an overview of the top 10 IoT threat categories and briefly presents selected recent challenges.

Die Disputation besteht aus dem o. g. Vortrag, danach der Vorstellung der Dissertation einschließlich jeweils anschließenden Aussprachen.

Interessierte werden hiermit herzlich eingeladen

Der Vorsitzende der Promotionskommission
Prof. Dr.-Ing. J. Schiller