



**TECHNISCHE
UNIVERSITÄT
DRESDEN**

Digital

Advancements and

Increasing

Cyber Threats

**Prof. Dr.
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Goethe University
Frankfurt / ATHENE
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Center for Applied
Cybersecurity

**Frontiers in Science
December 7th, 2023**

📍 Schönfeld-Auditorium
Georg-Schumann-Straße 13
01069 Dresden

🕒 6:30 p.m.

EKFZ
Digital Health

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Prof. Dr. Haya Schulmann
Goethe University Frankfurt
ATHENE National Research Center
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In the current era of digital advancements, we are confronted with a dual-edged scenario: while technological progress offers unprecedented opportunities, it concurrently presents escalating cyber threats.

This talk dives into the evolving landscape of cyber threats, focusing specifically on two primary attack vectors: system vulnerabilities and compromised credentials. We will provide evidence of the widespread nature of these issues across various sectors in Germany using data that we collected in our studies.

Using our data analyses and data collection methodologies, we were able to detect active attacks on German entities. We show that the spectrum of attacks is more diverse and extends beyond mere ransomware and data breaches.

Delving into the underlying causes of these prevalent security concerns, we will discuss potential challenges and contemplate solutions for bolstering digital security in the coming years.

The event will be streamed live.
Further information concerning
speaker, event, lecture and the link
to the live-stream is available
on the following webpage:

➤ tu-dresden.de/exzellenz/fris

