

# Informatik–Kolloquium SS 2026

Dienstag, 21.07.26, 16.15 Uhr, Raum 12.150, Martensstr.3

## **Prof. Dr. Jiska Classen**

Hasso-Plattner-Institut, Potsdam

## **Novel Threats in Wireless Systems**

Wireless connectivity is ubiquitous in modern mobile devices. Every-day communication devices broadcast and listen for data continuously, providing large external attack surfaces. Traditional exploitation of these surfaces focuses on the underlying software implementations, such as protocol parsers in baseband firmware. However, taking a step back to the drawing board and re-considering threat models allows finding completely new approaches and overlooked attack surfaces. We will look into recent practical attacks and how to defend against them.

Gemeinsames Kolloquium des Departments Informatik und des  
GRK 2475 (Cyberkriminalität und forensische Informatik)

### **Kontakt:**

Prof. Dr. Felix Freiling  
Informatik 1 (IT-Sicherheitsinfrastrukturen)  
Martensstr. 3  
91058 Erlangen  
[www.cs1.tf.fau.de](http://www.cs1.tf.fau.de)