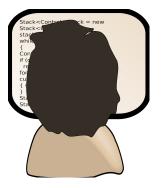# Security and Privacy Issues of Home IoT Devices

Marco Herzog

Home IoT Devices

- Embedding processor-based systems and sensors in home environment at large scale:

    – Smart Home (e.g. Cameras, motion sensors, light bulbs, power switches, air-quality sensors)

    – Health monitors (e.g. "weighing scale, blood pressure monitors)

    – Entertainment (e.g. Photo frames, printers, speakers/assistants)

Home IoT Devices

- New security and privacy attack vectors open up

    – Exploited at a scale never seen before

- Consumers lack awareness about potential threats

Security and Privacy Issues of Home IoT Devices

- Identify and understand security and privacy issues/challenges for Home IoT Devices

- Provide systematic categorization

Own ideas

- Any **own seminar ideas** concerning security and privacy of IoT devices ? Or in other areas of Usable Security and Privacy ?

GREAT!

- Feel free to let me know !

Application

- Please send your exposé to:

  herzog@cs.uni-bonn.de

Deadline for exposé: 2nd October

- On the **5 October** you will be informed whether you were chosen/not chosen for your favourite lab topic
- **Register deadline for the lab in BASIS:** 31.10.2018