

□ Professor of Computer Science, TH Rosenheim

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□ **Background**

- *Academic*: TUM, Deutsche Telekom Labs / TU Berlin, ETH Zurich
- *Industrial*: Rohde & Schwarz, Embedded Software

□ **Research interests, topics**

- IoT protocols and communication: LoRa, BLE, MQTT, 6LoWPAN, ...
- (Embedded) SW projects with students and local companies partially sponsored by
 - *InnovationLab / Zentrum Digitalisierung.Bayern:*
 - *Digitales Alpendorf*
- Internet routing and security, network measurements

□ **Teaching**

- Computer Networks, Advanced Computer Networks
- Wireless Communication in the IoT
- Algorithms and Data Structures
- Projects, seminars



Topics

- Internet of Things:
 - What protocols will prevail?
 - What will the IoT protocol stack look like?

- 5G
 - V2X communication, narrowband-IoT, ...

- HTTP 2.0, Quic, TLS1.3

- Web privacy