

# Announcement of a lecture in Cognitive Sensorics

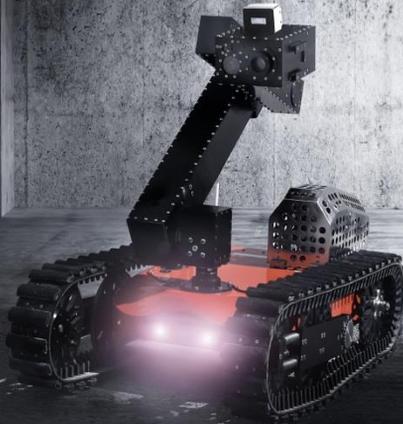


Fig: Artist Impression of a robot with a MIMO Radar Camera / Project SmokeBot, © FHR/ISS

**Dates:** SS 2018, Start: 18.04., Wednesday 14-15.30h, Room H-C 6336/37

**Credits:** 3 ECTS Points, Lecture: 2 SWS, Matlab-Exercise: 1 SWS

**Degree program:** Communication-Engineering, Intelligent Energy Systems

**Topics covered:**

- Deep Learning for signal processing
- Sensor-data processing in Cognitive and Robotic Architectures
- High-Level Perception and Situation Awareness
- Sensor- and Resourcemanagement
- Distributed and networked sensors for industrial automation
- Self-Localization and SLAM using Radar-Sensors

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