

EINLADUNG

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Ort: Hörsaal AH I, Ahornstr. 55
Referent: Prof. Bernt Schiele
Lehrstuhl Multimodale Interaktive Systeme
TU Darmstadt
Thema: **Multi-Sensor Context Awareness
for Ubiquitous and Wearable Computing**

Abstract Using multiple ubiquitous and wearable sensors not only opens up new ways of interaction, but may lead to a paradigm shift in human-computer interaction (HCI). Using such sensors and elaborate perception and fusion techniques may play an important role in deriving interesting high-level context information. Such a scenario is quite realistic since it is widely believed that sensors are becoming cheap enough to be easily added to computing and wearable devices distributed in the environment or worn by a human. I will present several examples of multi-sensor context awareness for ubiquitous and wearable computing and their respective applications in HCI.

Bernt Schiele is Full Professor of Computer Science at Darmstadt University of Technology, where he founded the Multimodal Interactive Systems Group. He previously worked as Assistant Professor at ETH Zurich, and with Alex Pentland at the Media Lab. He received his PhD from INP Grenoble, and his Diplom from Karlsruhe. He is interested in computer vision, perceptual and wearable computing, robotics, statistical learning, and integrating multi-modal sensor data, particularly in methods that work under real-world conditions.

Es laden ein: Die Dozenten der Informatik