IoT – Hands-on Tutorial

Folien:
Englisch

Vortragssprache:
Englisch

Umfang (mit Diskussion):
40 min. Tutorial + Diskussion

Abstract: In this talk/tutorial I will present some results of research activities within the SALSA (Sensors and data for the analysis of sports activities) project. The goal of the project is to devise systems for monitoring and evaluating sports activities using sensor data. Sports movements must be detected in such a way that relevant activities can be distinguished in the following data analysis, e.g. thus enabling statements to be made about sports performance. As a concrete instance of sport, we deal with the sport of climbing. Sport climbing is a young sport and enjoys increasing popularity worldwide. In this talk I will address the specifics of sensor data collection, analysis of the continuous streams of sensor data and activity recognition performance using a climbing case study. Attendees will learn how to create their first activity recognition applications.

Vortragende: **Marina Andric, Freie Universität Bozen/Bolzano**

Marina Andric is a research assistant (AR) at the Faculty of Computer Science, Free University of Bozen/Bolzano. Her research activities are focused on methods for the analysis of sensor data. In particular, she uses data collected from IoT devices to devise systems with applications in sport climbing. She obtained a doctoral degree in computer science from IMT School for Advanced Studies in Lucca (I) and diploma in mathematics from the Faculty of Mathematics in Belgrade (SRB).