

Course Description – Summer 2022

Title Mobile Systems (MobSys)

Faculty Computer Science

Professor Prof. Dr. Dr. Michael Cebulla

ECTS 5

Level Master

Requirements Good knowledge in Java Programming, Basic knowledge in Android Programming.

Add. Information

Content Features and characteristics of mobile systems are explored and discussed in this course. Beginning with the processing of sensor data und sensor fusion, different types of location-based applications are discussed. Advanced Topics like indoor positioning systems and geofencing are treated in the second part of the course. Practical exercises and projects are done in Android.