COURSE DETAIL

MULTIMEDIA AND WIRELESS LAB
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 147
UCEAP Course Suffix A
UCEAP Official Title MULTIMEDIA AND WIRELESS LAB
UCEAP Transcript Title MLTIMD&WIRELESS LAB
UCEAP Quarter Units 8.50
UCEAP Semester Units

5.70

Course Description

This lab course (Praktikum) trains in video encoding and transmission over communication networks. A particular focus will be on wireless and mobile networks, which are becoming increasingly important. After a successful completion the students are capable of encoding video clips, assessing the video quality using objective video quality metrics, and streaming the video. The students will further acquire the basics in the field of wireless communication - interference, broadcast communication medium, rate and power control. They will build up technical expertise on MAC and routing protocol behaviour in wireless mesh networking environments through various experiment set-up and performance evaluations.

Language(s) of Instruction
English

Host Institution Course Number
0432 L 833

Host Institution Course Title
MULTIMEDIA AND WIRELESS LAB

Host Institution Course Details
https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...

Host Institution Campus
Technische Universität Berlin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Institut für Telekommunikationssysteme

Course Last Reviewed
2023-2024

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