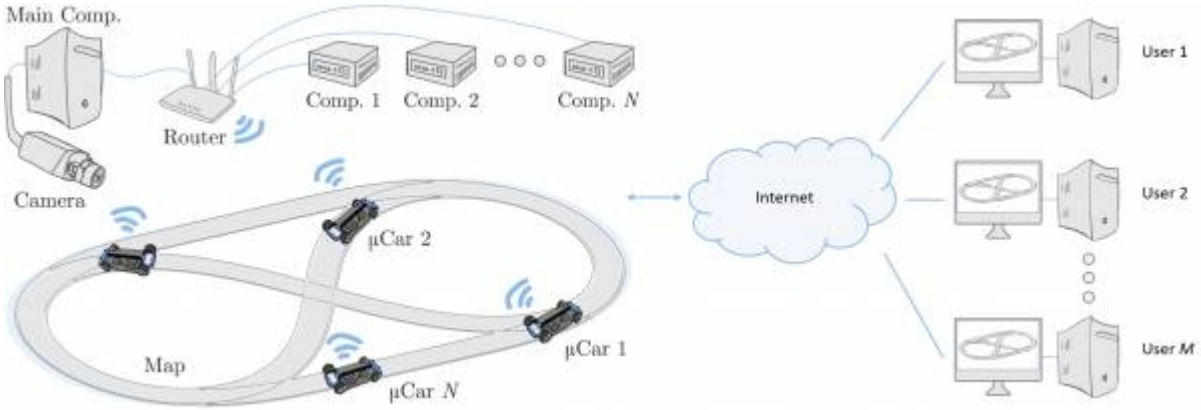
Software Projekt Praktikum: CPM Academy

Content

The Cyber-Physical Mobility Lab combines the advantages of simulations and real-world experiments. This allows its users to develop algorithms cost-effectively yet realistically in the context of autonomous and connected driving. For this purpose, 20 vehicles are available at an 1:18 scale, which use an Indoor Positioning System (IPS) to navigate and drive cooperatively in various scenarios. Within the framework of the CPM Remote Project, a remote access to the CPM Lab was created. CPM Remote offers various application examples: In this internship, the so-called CPM Academy will be completed. Here, a package delivery service with various challenges is to be implemented and tested in the lab.



Prerequisites

* Contents of the first three semesters, especially programming, data structures & algorithms * own laptop

Language of Instruction

German

Organization

The regular appointments during the lecture period will be announced at the kick-off meeting. The invitation to this meeting has already been sent. If you are registered but have not yet received an email, please write to spp@embedded.rwth-aachen.de

Supervisor

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Lecturer

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