



LARN

Latency- and Resilience-Aware Networking

Hands-On Cyber-Physical Networking BarCamp @ SPP1914 Winter-School in Arosa

Andreas Schmidt (Saarland Informatics Campus)
Stefan Reif (Friedrich-Alexander-University Erlangen-Nürnberg)

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Questions

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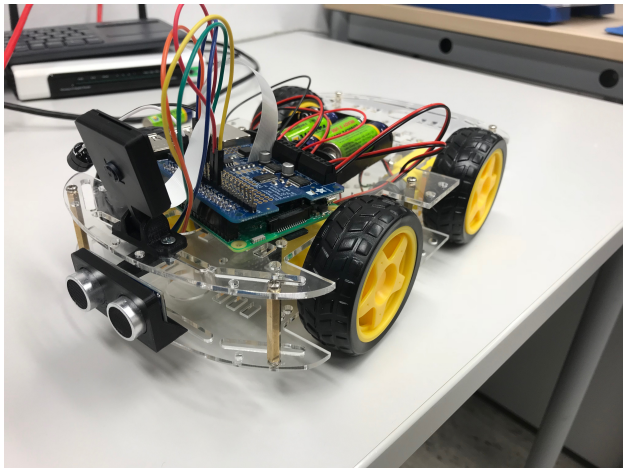
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Goal: Build a MVCPN (minimal viable CPN).



Tasks

- ▶ Instrument physical platform (robot car with camera, ultrasonic sensors).
- ▶ Use the RNA presented in Aachen and a Raspi3 equivalent to interface the physical systems and represent cloud/edge computing platforms.
- ▶ Setup a wireless network infrastructure to couple the embedded systems.
- ▶ Develop control methods for driving along a line and/or within platoons.
- ▶ Optimize the stack to get nice visual and numerical quality of control!

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Long-Term Goal (after the BarCamp)

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 - ▶ challenges we faced,
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