

We're offering **Master Theses** in the field of **ConnectedCar / Autonomous Driving / Data Analytics**

At the **Bosch Internet of Things Lab** (ETH Zürich & Uni St. Gallen), we think, **connected cars and autonomous driving** will have a huge impact on our lives in the near future.

Want to be part of it?

The Goal of our research project is to build a **street map** full of (real-time) information about road conditions, traffic events and infrastructure simply by **using car (CAN bus) data** from cars that drive around.

Some examples:

- Can we detect **street bumps**?
- Can we build a map of "**dangerous curves**"?
- Could we establish a **micro-weather map** based on the car's sensors?
- Where do drivers frequently show **dangerous driving behaviours**?
- As a meta-topic: How do **smartphone data perform in comparison to CAN-data**?
- *insert **your idea** here*

Do you want to apply and extend **your existing skills in data analytics & applied machine learning** (using MATLAB) in the realm of connected cars & autonomous driving?

Then **we provide you a unique opportunity** to get first-hand experience with a fancy **600gb dataset of high-resolution car (CAN bus) data** of **over 600.000 driven kilometres**.

We offer a **well-structured Master thesis supervision** that should help keeping you on track were you need it and leave room for your own creativity where you want it.

Earliest start is **October 2016**.

If you're interested, just **send us a short email with your CV** and we'll get in contact to find a good setup:

gahrb@ethz.ch

We're looking forward to hear from you!

The ConnectedCar Team @ Bosch IoT-Lab

Visit www.iot-lab.ch for more information



Ben



Bernhard



André