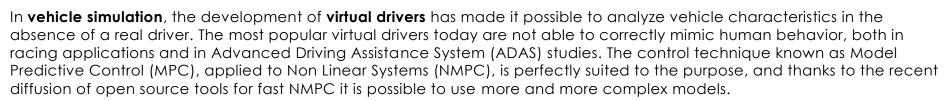
## Master Thesis (Automation): MPC based Human Like Autonomous Driving

In collaboration with Virtual Vehicle, Graz, Austria

https://www.v2c2.at/

## Purpose of the thesis:



The aim of this thesis is the development of a robust virtual driver based on MPC, able to mimic human behavior. The purpose of this thesis is the development of a robust MPC-based virtual driver capable of mimicking human behavior. This strategy is intended for use in the following scenarios:

- 1. Maximize the comfort of autonomous driving algorithms.
- 2. Advanced assistance systems in race scenario with multiple agents
- 3. Lap time prediction with racing vehicles (both motorcycle and 4 wheels vehicles)

## Duration:

6 Months, 3 months in Graz with economical support

## Info:

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