

## Open Project/Thesis

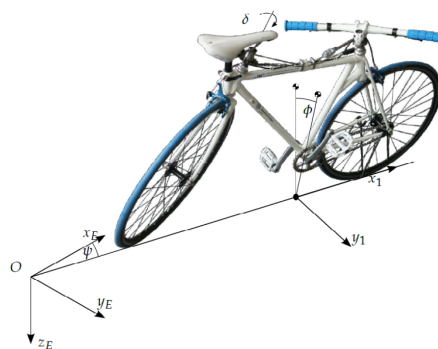
# Autonomous Rear-Wheel-Steering Bike

### Description:

During the last years, we developed an autonomous rear-wheel-steering bike that perfectly works... in simulation! We are then looking for people that want to transfer the theoretical results in an actually working application. We need someone that knows how to program a micro-controller in C/C++ (despite you don't have to be an expert in that). The work will particularly focus on implementing an interface between the micro-controller and two motors (one for steering and one for accelerating). If you are interested and you want more details, do not hesitate to write me an e-mail.

### Prerequisites:

- Knowledge of C/C++



### Supervisor:

[Raffaele Soloperto](#)

Room 3.239, Pfaffenwaldring 9

### Area:

[Informatics](#)

[Electronic](#)

### Properties:

50% implementation

25% simulation

25% experiments

### Beginning:

From now on

### Duration:

Flexible

### Salary:

Up to 100% (Hiwi), or according to the working hours.