

# Robotics 2019 SLAM Workshop

## March 8<sup>th</sup> 2019

**Note: We start class in Room 401 and continue in Room 303.**

### **Goals of the SLAM Workshop are to:**

1. Get basic knowledge and experience on using a SLAM Algorithm for scene mapping and reconstruction.
2. Be able to use the V-Rep robot simulation software for basic robotic simulations and programming.
3. Be able to write basic python code for controlling a robot in a virtual environment and solving basic robotics tasks such as obstacle avoidance and path finding using SLAM.

**Codes and Instructions can be found here (big zip-file!): [SLAM Workshop](#)**

Unzip the file in your home-directory of your Unix-account.

**The results of the workshop are due: Monday 18-3 2019.**

- Submit your answers as a single zip file and send it to erwin@liacs.nl with subject 'Robotics SLAM Workshop'.
- Groups of 2 – 3 people are recommended. Clearly state all the names of the group members in the email.