

Meeting Minutes - Setup Robotic Group

23.05.2017

Meeting duration: 19:00 - 21:00

Location: Cafe-Bistro Willich

Organizer: Merkel Christian

Attendees: Fees Martin, Schmidpeter Michael

1 Topics

1.1 Reason of meeting

1. Establish a group of software and hardware engineers to create a mobile rescue robot, that is able to participate at the robocup rescue challenge 2017
2. Discuss the motivation and capabilities of the attendees
3. Share first concepts with the attendees
4. Discuss next steps

2 Results

1. Fees Martin, Merkel Christian and Schmidpeter Michael will establish a robotic team with the aim of building a cheap, cute and open source robot for the major league of the RoboCup Rescue Challenge
2. **Motivation & Capabilities**
 - 2.1. The **Motivation** of the team members are high due to the interest in mobile robotics. The team members will work for the team just as hobby. There is no intention of commercial distribution of software or hardware parts.
 - 2.2. **Christian Merkel** will mainly develop electronics and software on applications side.
 - 2.3. **Michael Schmidpeter** will mainly develop electronics and software on the application side..
 - 2.4. **Martin Fees** will mainly develop mechanics and if necessary software near to hardware
3. **Concept** The robot design shall be oriented on the Summit XL design. The parts shall be as cheap as possible. The design shall be easy to be able to create components with simple production machines. A more detailed concept shall lead to a specification.

4. **Next steps** see task list

3 Tasks

Task	Owner	Due
Find day + period for meetings	Fees & Merkl & Schmidp.	2017-06
Search team + robotname	Fees & Merkl & Schmidp.	2017-06
Create list with available tools and parts (for hardware and software development)	Fees & Merkl & Schmidp.	2017-06
Search & establish communication platform	Merkel & Schmidp.	2017-06
Create github repository	Merkel & Schmidp.	2017-06
Check CAD tools + licensing	Fees	2017-06
Develop more detailed mechanical concept	Fees	2017-06

4 Next Meeting

Team organization meeting

Date: (?2017-06-08 - Thursday?)

Start: 18:00 - **End:** 21:00

Location: tba.