

## Planning VT 1

## Demonstrator für echtzeitfähige Regelungen

**Student:** Lukas Zurschmiede

**Begin:** 2022-09-19

**Due:** 2023-01-24

Presentation: 2023-01-27

Repository:

[https://github.com/LukyLuke/mse\\_vt\\_eeros](https://github.com/LukyLuke/mse_vt_eeros)

**Documentation:**

[https://github.com/LukyLuke/mse\\_vt\\_eeros/wiki](https://github.com/LukyLuke/mse_vt_eeros/wiki)

**Files:**

<https://cloud.ranta.ch/index.php/s/M4rToLrKc23sbKA>

**Week 40:**

Holiday: Biken Bern, Brig, Zermatt

**Week 52:**

37C3 Hamburg – Abgesagt

Presentation: 2023-01-27					19 Sep 2022							26 Sep 2022							03 Okt 2022							10 Okt 2022							17 Okt 2022						
#	Task	Duration	Start	ETA	Week 38							Week 39							Week 40							Week 41							Week 42						
					Mo	Di	Mi	Do	Fr	Sa	So	Mo	Di	Mi	Do	Fr	Sa	So	Mo	Di	Mi	Do	Fr	Sa	So	Mo	Di	Mi	Do	Fr	Sa	So	Mo	Di	Mi	Do	Fr	Sa	So
1	Initialize Project and Tooling	15 days	2022-09-19	2022-10-03																																			
2	Reading into ROS, EEROS, Gazebo	2 days	2022-09-19	2022-09-20																																			
3	Installation ROS, EEROS	2 days	2022-09-26	2022-09-27																																			
4	Tooling and Project setup	1 days	2022-09-27	2022-09-27																																			
5	Installation Gazebo and testing everything	2 days	2022-09-28	2022-09-29																																			
6	Initial documentation	1 days	2022-10-03	2022-10-03																																			
7	Understanding the APIs	15 days	2022-10-11	2022-10-25																																			
8	Example with ROS, Gazebo and EEROS	2 days	2022-10-11	2022-10-12																																			
9	Understanding the APIs	7 days	2022-10-12	2022-10-18																																			
10	Extend the Example with Responses	2 days	2022-10-24	2022-10-25																																			
11	Understanding of what to do and planning	2 days	2022-10-25	2022-10-26																																			
12	ROS 2	49 days	2022-10-17	2022-12-04																																			
13	Differences between ROS and ROS 2	16 days	2022-10-17	2022-11-01																																			
14	Adopt Changes to EEROS for ROS 2	9 days	2022-10-24	2022-11-01																																			
15	Adopt changes to ROS-EEROS for ROS2	9 days	2022-11-07	2022-11-15																																			
16	Test Migration	16 days	2022-11-14	2022-11-29																																			
17	Migration Documentation for EEROS-Peojcts	2 days	2022-11-28	2022-11-29																																			
18	Simulation Package	44 days	2022-11-28	2023-01-10																																			
19	Modell in Gazebo	23 days	2022-11-28	2022-12-20																																			
20	Simulation Time	15 days	2022-11-28	2022-12-12																																			
21	Messages	20 days	2022-12-12	2022-12-31																																			
22	Visualization	6 days	2022-12-26	2022-12-31																																			
23	Documentation	6 days	2022-12-26	2022-12-31																																			
24	Package	9 days	2023-01-02	2023-01-10																																			
25	Finalization	16 days	2023-01-11	2023-01-26																																			
26	Finalize Documentation	13 days	2023-01-11	2023-01-23																																			
27	Finalize Pullrequests	13 days	2023-01-11	2023-01-23																																			
28	Finalize Migration-Documentation	13 days	2023-01-11	2023-01-23																																			
29	Finalize Package	13 days	2023-01-11	2023-01-23																																			
30	Prepare Presentation	13 days	2023-01-11	2023-01-23																																			
31	Finalize Presentation	3 days	2023-01-24	2023-01-26																																			
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