






Meeting Notes 05.05.2022

Attendance :

Name	abbr	attendance
Marco	forstma1	
Dan	hochsdan	
Luis	miranlui	
Monika	reif	
Stefan	brtt	

Notes

What we have done:

- Extended Cone Publisher with Sim Tool compatibility, receives all track cones from tool and publishes these
- A lot of Code Refactoring, added Docstrings, Typings and many more improvements
- "Cache" for Exploration algorithm, takes only e.g. last 50 cones for distance measurements
- Working on "Switch" implementation, when to switch algorithms
- Optimization Algorithm with input from Exploration works now
- Added Path Smoothing for midpoints in Exploration Algorithm (Cubic Spline Interpolation)
- Extended Chapter 1 State of the Art Section with more examples
- Finished Algorithms Section in Chapter 2 (references and images)
- Started with Results

What we want to accomplish by next week:

- Write on Results
- Read other persons writings
- Refinement of Algorithms
- Compatibility with Simulation Tool
- Do "Work Overview" section in Chapter 1

Problems:

- None

General / Todos:

- Maybe use the Starting Position to know when to switch the algorithms, know when a lap is finished (Possible for Trackdrive)
- Getting Sim Tool working with Algorithms => Trying together probably better
 - Ask Gui how hard a local installation might be (Performance reasons on server)

- For testing, note down configs, make screenshots and more
- Feedback on Thesis (Detailed in PDF):
 - Sachlicher formulieren
 - Objektiver schreiben, mehr Bezug zur Arbeit und weniger zu Person
 - Nie Bild direkt unter Überschrift
 - Bild referenzieren im Text