Meeting Notes 12.04.2022

Attendance ✅❌:

Name	abbr	attendance
Marco	forstma1	✅
Dan	hochsdan	✅
Luis	miranlui	✅
Monika	reif	✅
Stefan	brrt	❌

Notes

What we have done:

- Optimized the triangulation algorithm with thresholds
- Integrate global trajectory into ROS project
- Created input transformer for global trajectory
- First test implementation for exploration with Delaunay
- Worked on Chapter 2 (FS Events and a bit about FSZHAW autonomous system)

What we want to accomplish by next week:

- Work on chapter 2
- Optimize Triangulation

Problems:

- Finding a way to get the middle point with curve detection

Todos:

- What happens when cones are missing? Will the algorithm still work?
- Maybe add virtual cones => As we know the width of the track

  After interpolation of the track, create additional points in between the "real" midpoints
- Send draft to Monika whenever we have something => Probably first version after easter weekend
- Wait with description of algorithms after they are prettty much finished and robust
- what happens if we see cones from the other side
- After track is known, even before the car is there => connect track to beginning (see screenshots)