

In the last meeting, we discussed the results after running the scenarios, specifically for densities 10,100,500. After seeing that the mean value for density 10 is 4,41 conflicts, for density 100 is 531,01 conflicts and for density 500 is 13314,06 conflicts. So when the density is increased the number of conflicts increases. Marsel commented that the number of conflicts was probably wrong because the values we used for “safety separation”, altitude and speed were drone-based values. However, the conflict detection methods from bluesky work with aircraft-based values.

In order to solve that, I was assigned a new assignment, which is apart from getting more familiar with capacity by reading some literature on that, to try to test the conflict resolution methods and once mastered apply them on the scenarios with different densities.

Apart from this we went over some of the thesis submission dates and the structure of it.