






# Research Schedule

## Date & Goals

Goal	Expected Date	Info	Questions & Problems
<u>Simple Simulation Results</u>	@Apr 17, 2020	Show results for a simulation that contains three different devices (Satellite, UAV-BS and BS): - no mobility - changing number of UE's - changing bandwidth numbers	- Show some graphs ← goal - Static topology
<u>Simple Simulation Results No. 2</u>	@Apr 22, 2020	Given Tang-san's feedback, implement it into simulation and show results for Wednesday.	
<u>Dynamic Topology. Simulation Results</u>		Begin implementing dynamic "movement" for two devices: - UE - UAV-BS	
<u>Dynamic Topology. Simulation Results No. 2</u>		Given your feedback from last meeting, implement it into the simulation and show results.	
<u>Discussion Deep Learning. Structure</u>		Before we meet, I will study some Q-Learning and other deep learning models and will write my own proposal for a deep learning model. I want to discuss with Tang-san my proposed model and receive advice and feedback.	
<u>Discussion DL Structure No. 2</u>		From your feedback, we discuss again what kind of model/code/structure and such I should do. Points I want to discuss are: - How to train?	

 Goal	 Expected Date	 Info	 Questions & Problems
<u>DL Structure</u> <u>Implementation</u> <u>Initial Results</u>		Implement the DL structure we discussed into the code and show first results.	