**MEETING SUPERVISORS 07/02/19**

* Core of the project: motor torque control
* No EMI/EMC in this project
* Inverter: not easy to get a new one because there’s no access to control part.
* First test the inverter in open loop (previously make the modulation to generate some pulses). This is just to see the operation but it’s not possible to see the overheating of the system.
* Second, when the 3-ph is put together connect the motor in open loop to slowly start up the motor and further on load the motor to see how the current is behaving in the inverter.
* Finally, in the test bench it could be possible to test it full load.
* Our decision if we want to use Simulink to generate the C-code or program it ourselves. Course DSP coding (Lajos will send us the info maybe reading the material is enough)
* Ask for work permit ASAP.
* Battery: not necessary to model. Lead-acid 12 V batteries.
* Regenerative braking or anti-slip are possibilities once we have achieved an accurate control of the induction machine.
* Higher level of control if we control the current out and in of the batteries.
* Decide on ONE control strategy.
* Test the motor parameters as we have more time because don’t have to build the inverter.
* They will look for some literature to send us.
* Mechanical model of the whole kart (simulate how long we’ll be able to drive as we have the model of the battery and the model of the motor)
* Meetings every two weeks at the beginning and then when the deadline gets closer maybe every week.
* Not write too much text book stuff in the report (just what’s relevant for the report).
* Start with a table of contents.