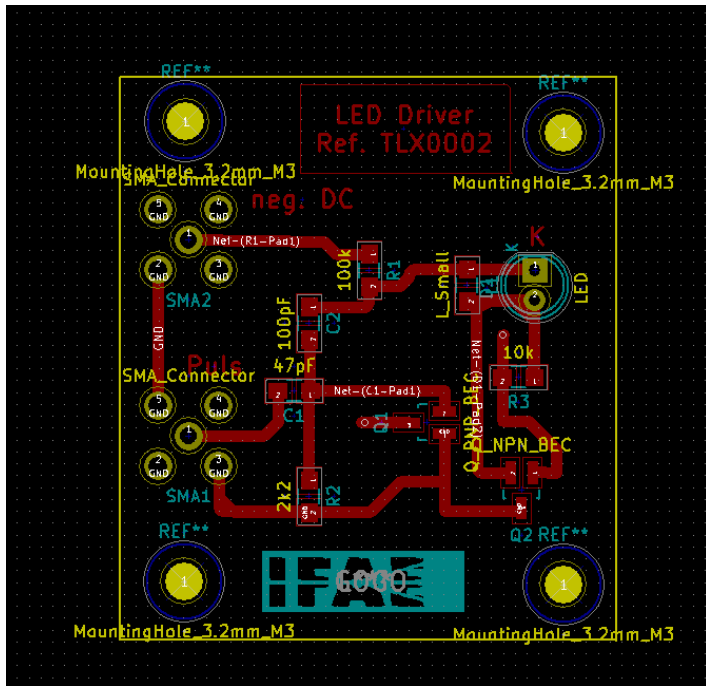


# Plans for this week

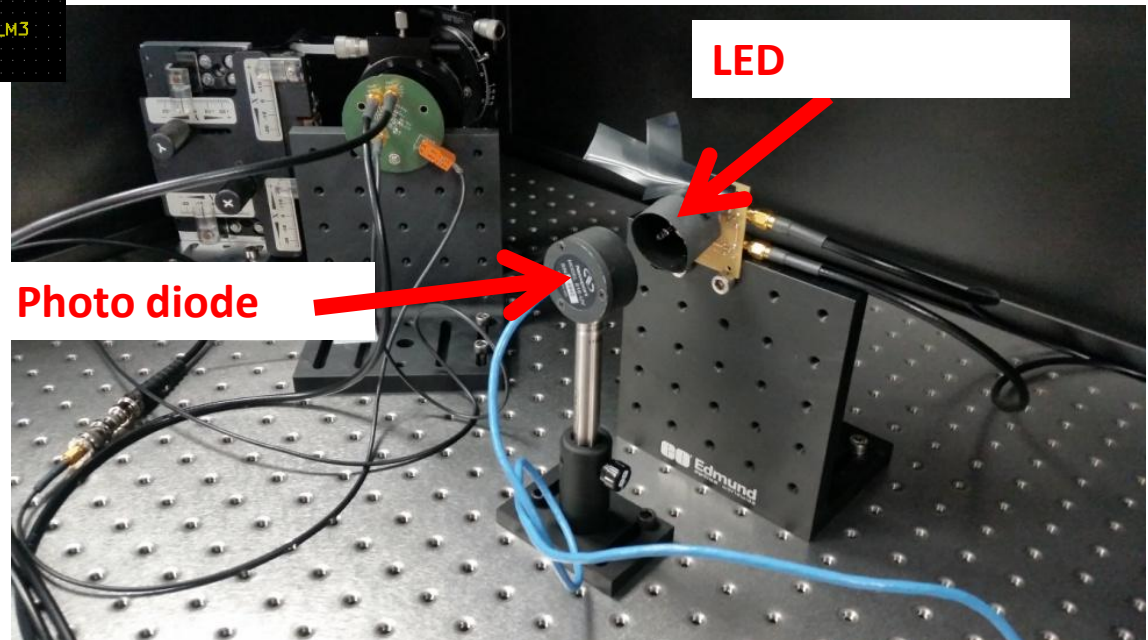
- ~~Preparation of Master course ...~~
- ~~Push Thorlabs and order in worst case what is already available~~
- ~~Work on DNA setup~~
- MWPC: Stretch 4 wires on new PCB for testing ~~or electronics tests~~
- ~~DAQ discussion with Joan (already started)~~
- ~~3D MPGD project: FET Open proposal, phone meeting to discuss status and plans~~



# Kaputschinsky LED Driver Tests

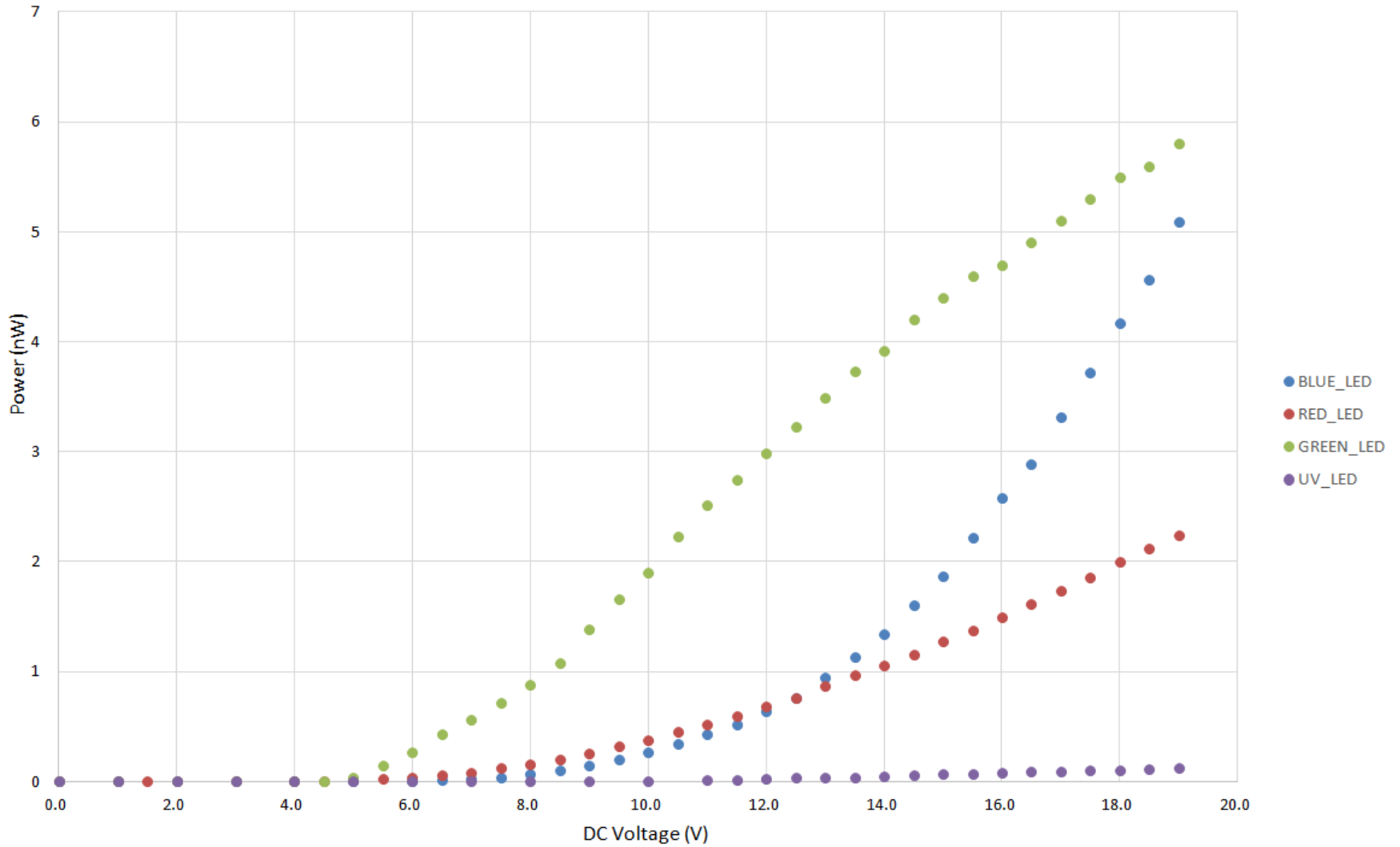


- LED driver allows to produce light pulses of  $\leq 10$  ns width
- What is the power we can detect with photodiode 6 cm away from LED
- Pulsed with 1 kHz (readout speed of photodiode 10-20 Hz)

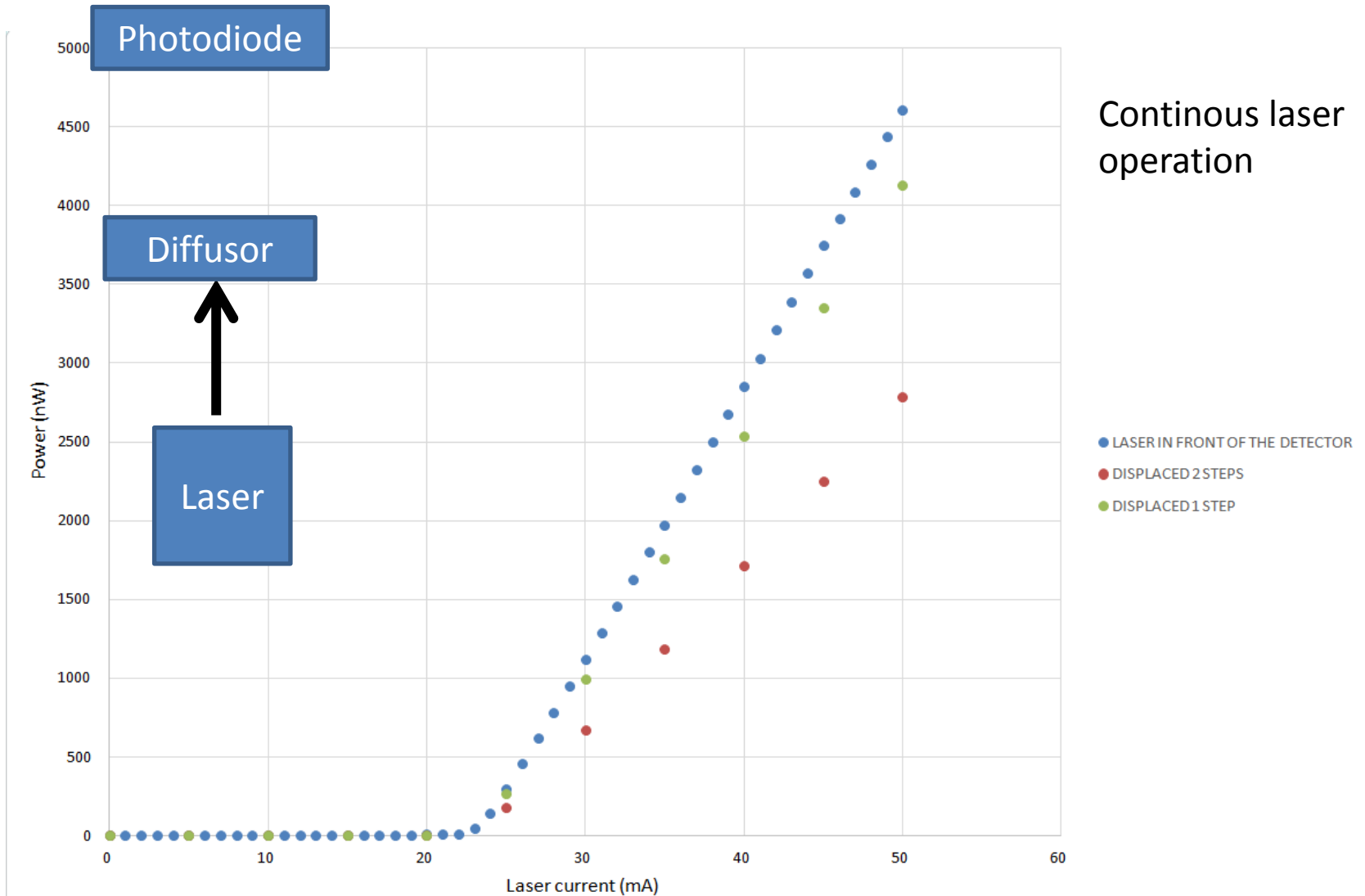


# Kaputschinsky LED Tests

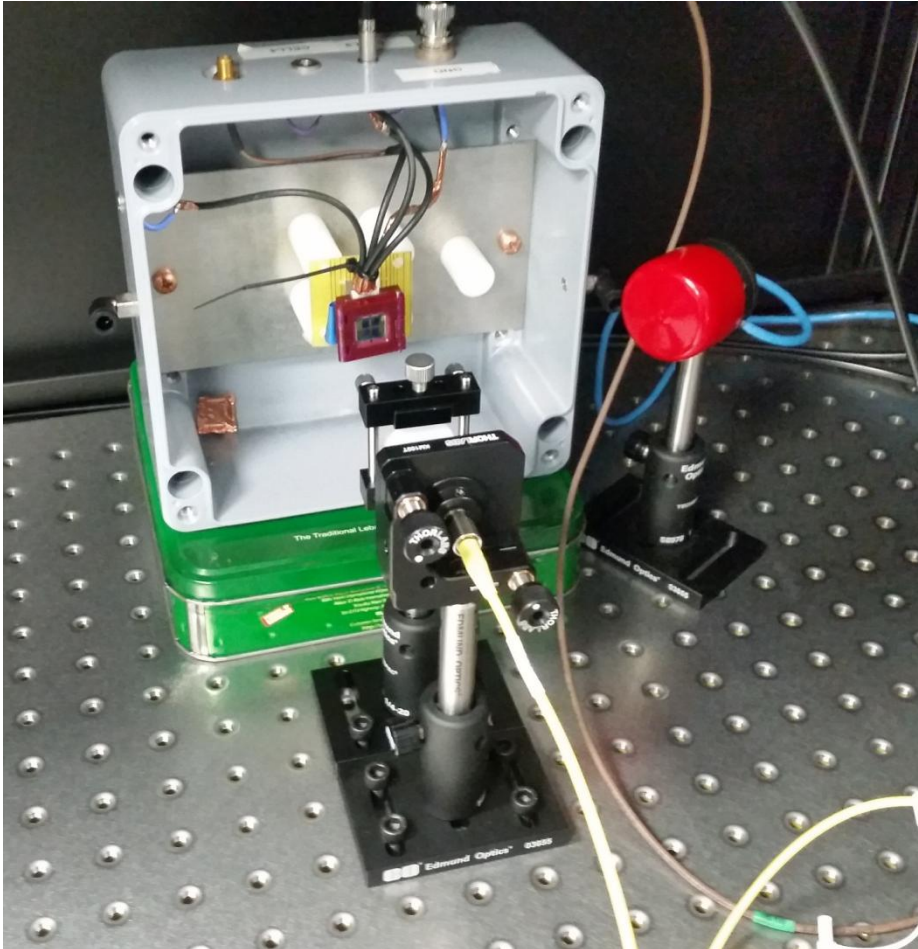
ALL LEDs



# Laser + Diffusor Tests

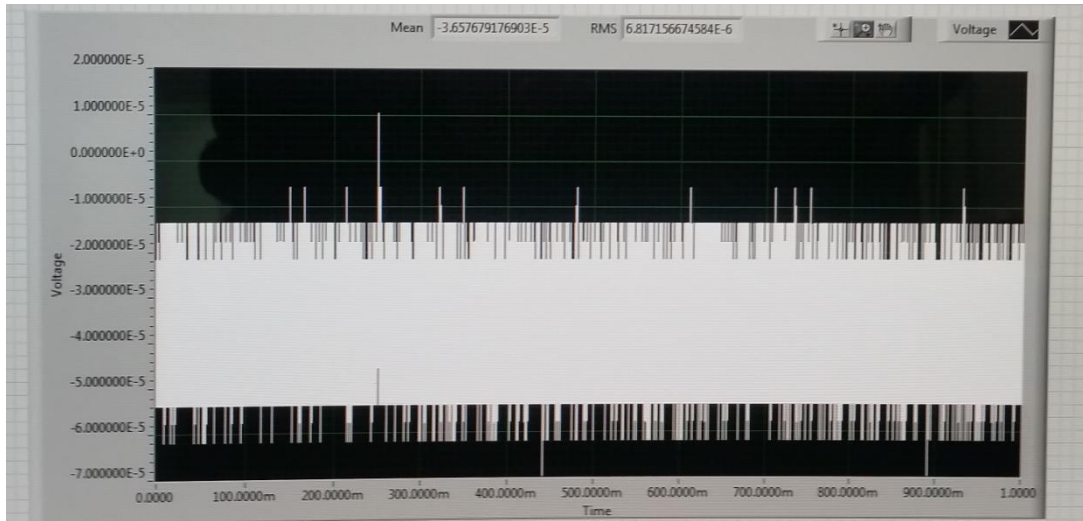


# Solar Cell Tests

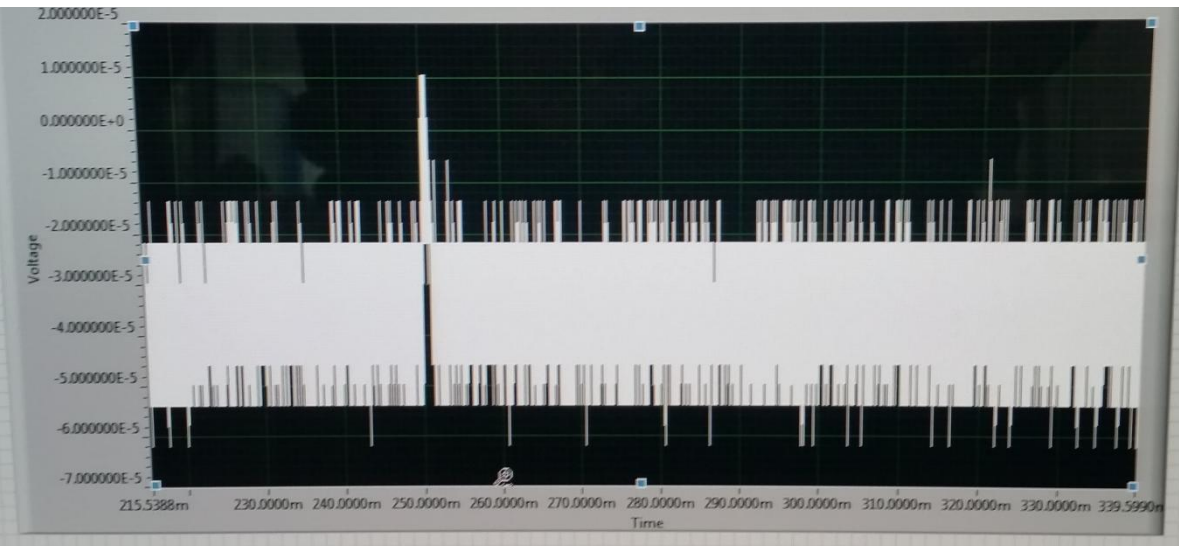


- testing response of solar cell to laser light
- photodiode in parallel to be sure that we see light
- laser pulsed

# Response



- pulsing down to 1 Hz possible
- but difficult to control power output
- minimum width of 200 us
- even at higher frequencies not linear in power



# Plans for this week

- Continuing of preparation of Master course ...
- First Thorlabs pieces will arrive today => start playing with them
- Work on DNA setup
- MWPC: Stretch 4 wires on new PCB for testing, fixing current PCB, analysing data from this week
- 3D MPGD project: Minutes of this week meeting and preparing meeting of next week