

# Nikhef velo meeting 2022/10/25

# Topics

- status at cern
- production progress
- DAC setting tests
- test with source
- transport box

old slides only

# Status of remaining modules

	module	status
cat 23	N035	ready
	<b>N037</b>	ready
	<b>N038</b>	ready
	<b>N027</b>	<b>ready for testing</b>
cat 9	N007	testing unfinished (?), but dirty
	N008	needs testing but at Liverpool
	N009	ready
	<b>N010</b>	wirebonding
left-over	N039	bare module
	N036	bare module
	mc102	

currently installed for DAC scans etc

needs testing

needs STK10 cable and testing

- will concentrate on DAC scans and Fe55 tests for the coming weeks
- testing of N027 and N010 will be done afterwards

# Fe55 tests

- data format is converted to csv file
- not GWT data (wrong firmware). ECS data is fine?
  - do we need ToT data? Nikhef version doesn't have this functionality yet
- what does CERN really want?
- MIP: 16000 electrons
- Fe55: 1700 electrons (6000/3.6)
- Threshold to be set at 2000 electrons?
- Plan:
  - If you need updates of the software (ToT, equalisation, ...)
    - First finish testing last 2 modules
    - Update system to latest firmware (Karol)
    - Continue with Fe55 stuff

## To do / open issues

- debug DAC\_OUT of N037 → will probably not do
- check surface of N009 for residue
- transport N008 (and evt N006, ...) from Liverpool to Nikhef
- find a module for CERN display
-