

Nikhef velo meeting 2022/03/29

Topics

- Velo progress at cern
- module mounting Liverpool
- production
 - Robbert prepared N038; likely need one more
 - received tiles from CERN
 - no news yet on hybrids/cables
- minidaq
- RF box geometry/survey

Tiles at Nikhef

	sensor check	current at 1000V	asic issues	where?	module
428	bad asic bad sensor	breakdown at 500	grade C but probably okay	outer	
407	deep scratch	breakdown at 325V	grade A	outer	
432		(odd behaviour) 500	grade B	NSI or outer	
433		breakdown at 600	grade B (missing TP>100)		
408		breakdown at 720	grade C		
412		NO IV CURVE	grade B		
413		NO IV CURVE	grade B		
415		breakdown at 650	grade C		
431		breakdown at 900	grade C		

- Victor told that one tile is unusable, but he needs to sort out which one
- not clear if we can have two (or even one) good modules with this selection of tiles

Status of modules

- N035, N037: waiting for hybrids
- N038: waiting for tiles
- N039: waiting for bare module

Status of components at Nikhef (needs update)

	substrate	tiles	GBTx hybrids	FE hybrids	data cable	interc. cable	HV cable	LV assembly	status
N035							1/2		tiles
N036									leaking
N037			1/2				1/2		tiles
N038							1/2		bare
mc100							1/2		
mc102							1/2		
mc28									grade C