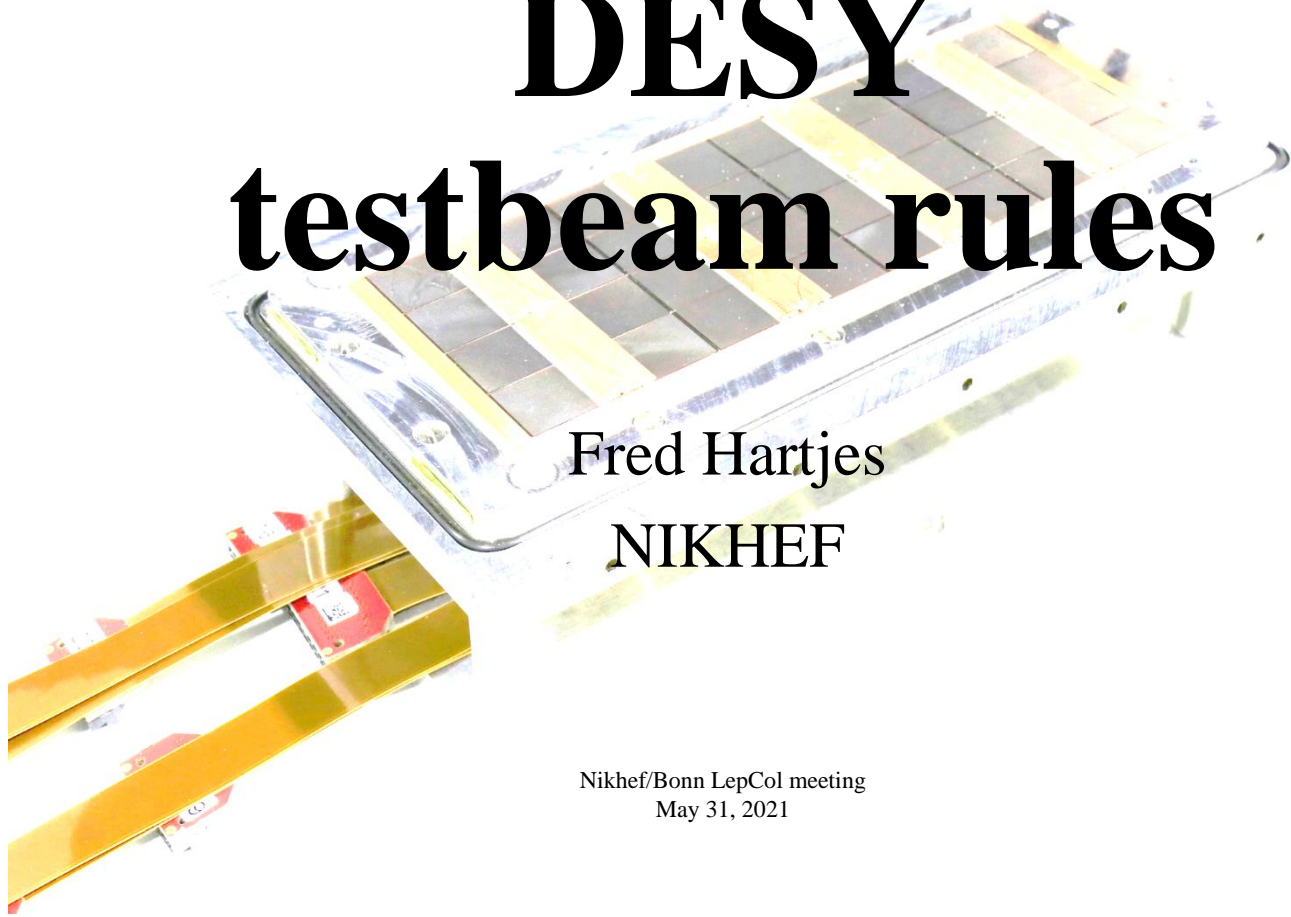




# DESY

# testbeam rules



Fred Hartjes

NIKHEF

Nikhef/Bonn LepCol meeting  
May 31, 2021

# Covid-19 related rules at DESY

- DESY access
  - From a risk zone: no quarantine with PCR test not older than 48 h
    - At present (May 31) the Netherlands are a risk zone
  - From a high incidence zone: 5 days quarantine obliged followed by PCR test
  - From an area of variants of concern: no entry
- Canteen
  - Only take away
  - Also a food vending machine
  - People without an office: there is a tent outside to for eating your food

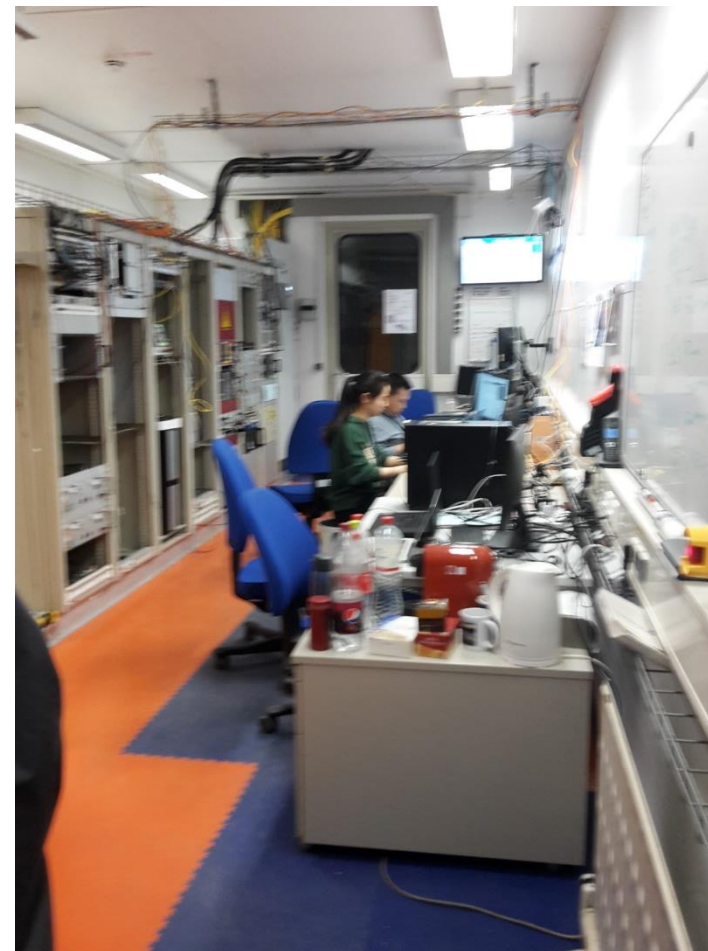
Document from 28-5-2021

At DESY until now no exceptions for vaccinated/recovered persons

- Hamburg restaurants (regulations of May 22)
  - Take away or terrace
  - Not more than 2 persons on the same table
  - No restricted closing time
  - PCR/antigen test not required

# Rules for the testbeam

- T24 control room
  - Only **two** persons allowed, no more, no less
  - Medical mouth caps FFP2 grade obliged
    - Masks with a valve NOT allowed
    - Supplied by testbeam coordinators
    - Wearing time 75 min max, followed by 30 min recovery
  - Panes of Plexiglas screen between the two working places
  - 1.5 m distance should be kept
  - No two persons sharing the same computer
  - Door to be kept open while working
- Experimental area
  - One or more persons allowed
  - 1.5 m distance, closer only allowed for short times



Document from 28-5-2021

At DESY until now no exceptions for vaccinated/recovered persons

# Entering Germany

- Only negative PCR is sufficient
  - **No distinguish** between coming from risk area or high incidence area
  - Proof of vaccination/recovery or recent (48h) PCR test
- People coming from area of variants of concern: **no entry**
- A few days before the journey one should register at <https://www.einreiseanmeldung.de>
- Further travel info at [https://www.bundesgesundheitsministerium.de/fileadmin/Dateien/3\\_Downloads/C/Coronavirus/Infoblatt/2021/EN\\_MB\\_bf.pdf](https://www.bundesgesundheitsministerium.de/fileadmin/Dateien/3_Downloads/C/Coronavirus/Infoblatt/2021/EN_MB_bf.pdf)

*From German federal rules of May 9 and directive of May 12 from Ministry of Health for people entering Germany*

# German regulations for persons vaccinated or recovered from Covid-19

From German federal rules of May 9

- Basically proven vaccination or Covid-19 recovery **equals** a recent negative PCR test
  - **These persons do not count for determining the maximum number of persons indoor**
  - No contact restrictions
  - No curfew
- But still obligation to wear a mouth cap and keeping 1.5 m distance
  - Mouth caps also required in a number of (crowded) streets in Hamburg
- **Beware:** in principle the **Dutch** vaccination card is **not valid** in Germany
  - No legal document, no warranted pass
  - No permitted language

Rijksinstituut voor Volksgezondheid  
en Milieu  
Ministerie van Volksgezondheid,  
Welzijn en Sport

**Registratiekaart coronavaccinatie**  
Bewaar dit kaartje goed en breng het mee bij uw volgende afspraak!

Naam:

Geboortedatum:

Datum vaccinatie 1:

Productnaam: COVID-19 VACCIN COMIRNATY INJVLST 0,3ML  
Batchnummer: ER9480

Datum vaccinatie 2:

Productnaam: COVID-19 VACCIN COMIRNATY INJVLST 0,3ML  
Batchnummer: EX7389

Meer informatie over de vaccinatie tegen corona vindt u op [coronavaccinatie.nl](https://coronavaccinatie.nl)

# Operating our testbeam at DESY

- The present DESY corona rules will give us a lot of nuisance during setup and running
- But following the Federal German regulations, also 3 or more persons would be allowed in T24 control room as long as not more than 2 of them are not vaccinated
  - Also a vaccinated person would be permitted to share his computer
  - 4(5) out of the 6 Dutch crew members are/will be vaccinated

## Not sure if/when DESY will follow the German national rules

- The Dutch vaccination card still may be very useful
  - Might not work for German police and customs
  - But people at DESY might accept it, believing that you are not a fraud
- My suggestion to the Dutch vaccinated people: mail me a scan of your registration card together with your postal address
  - I will laminate it and post it to you

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# Returning to the Netherlands

- Max 72h old PCR test required
  - <https://www.coronatest-hamburg.com/> MEDILYS, Paul-Ehrlich-Straße 1, 22763 Hamburg
- Presently (June 2) Dutch people are still obliged to go in quarantine for a 5 days period
- Germany is considered as a high risk zone
  - Very awkward observation, no reasonable ground for this measure
  - Vaccination not taken into account
  - Situation May 31
    - Netherlands **120.5** positive tests/100k inhabitants
    - Germany **35.7** positive tests/100k inhabitants
- Fred will be still able to return the equipment and the hired car (see exception)
- It may be best if we all travel by car

Rule may not be not active  
when we return on June 27

## Werkzaamheden voor onderzoek

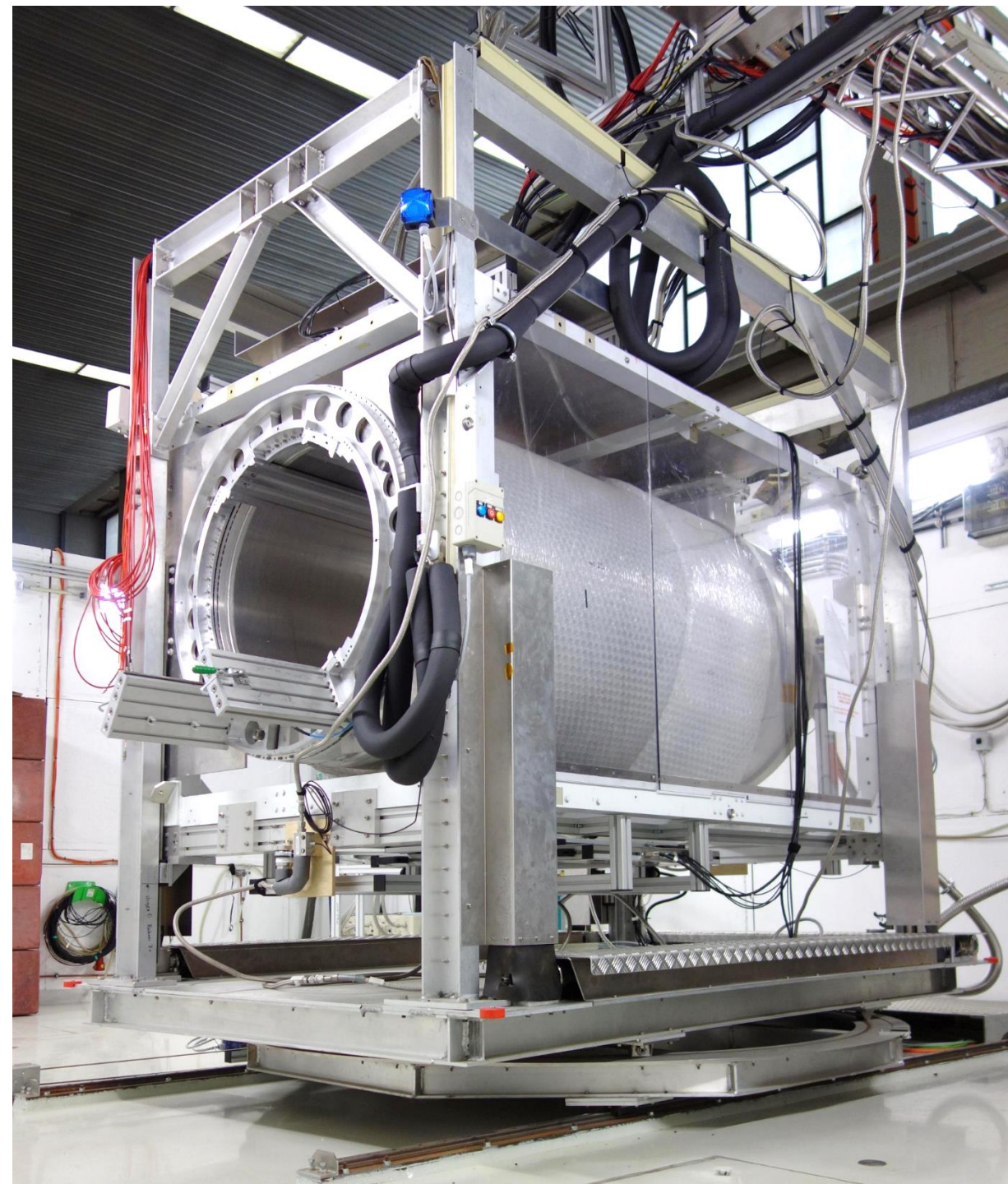
Dit geldt voor (wetenschappelijk) onderzoekers die voor hun onderzoek naar Nederland of het buitenland moeten reizen. En waarvan het niet maken van de reis schade veroorzaakt aan de continuïteit van het onderzoek. Zij zijn uitgezonderd van de quarantaineplicht als werken op afstand niet mogelijk is en het noodzakelijk is dat zij gelijk na aankomst in Nederland aanvangen met de activiteiten of werkzaamheden. Voorwaarde hierbij is dat het gaat om onderzoek van grote wetenschappelijke of economische waarde.

**Spare**



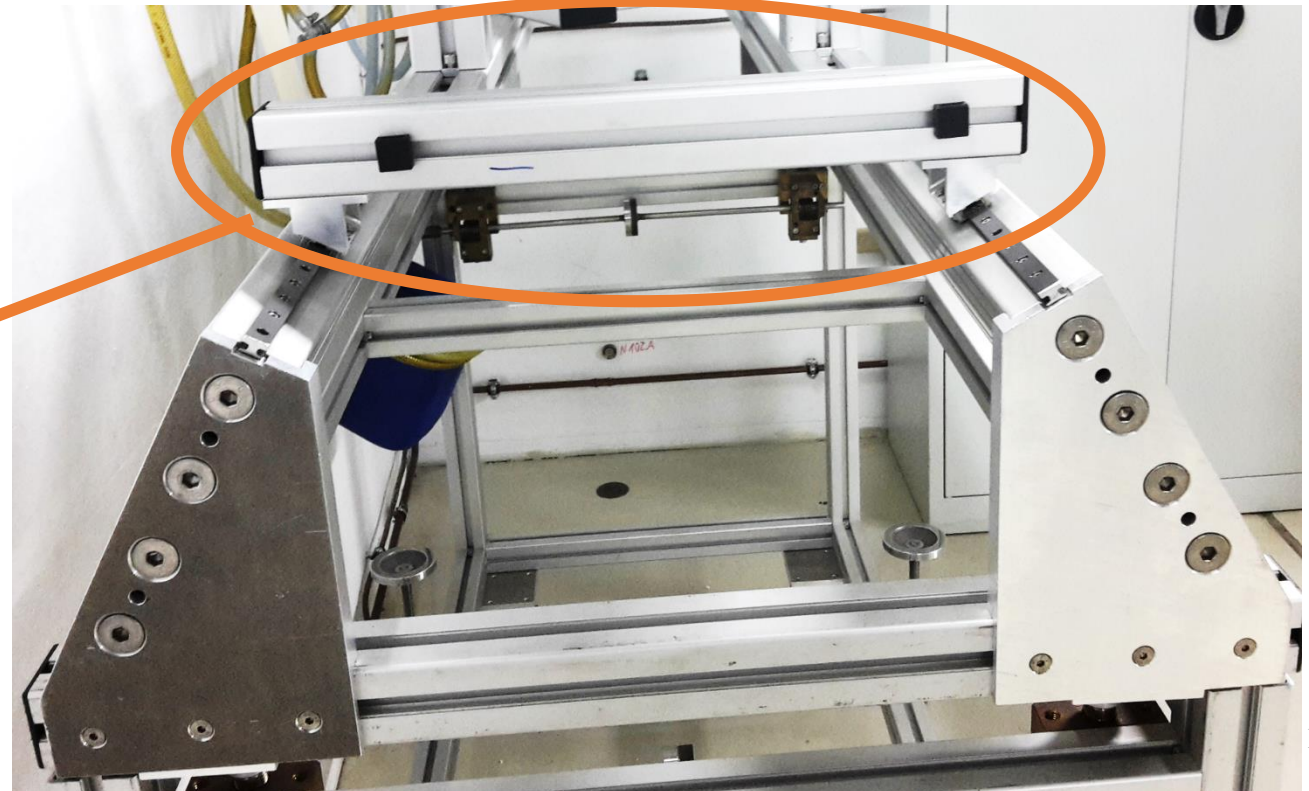
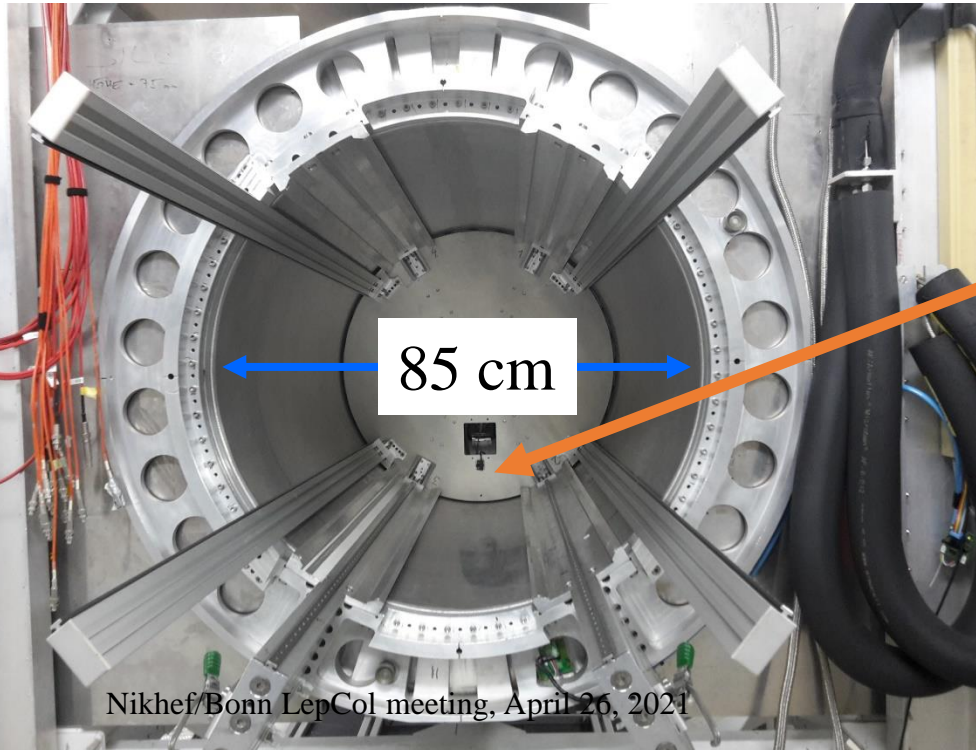
# Solenoid magnet in TB24/1

- Remotely movable vertically and sideward (X and Z)
  - Also rotation in horizontal plane
  - => beam not parallel to detection plane
  - Tracks with different drift positions
- Super conducting
  - => no running power needed
- 1T magnetic field horizontally
- Radiation length magnet wall: 20%
- Inner diameter: 85 cm



# Mounting the testbox in the magnet

- Our setup will be mounted on a frame on rails
- Detector has to be installed at  $\sim 60$  cm from the magnet entrance



# Testbox in magnet top view

