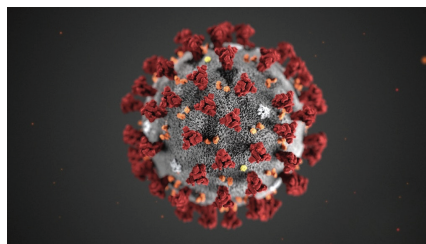


COVID-19 @ XFEL

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EuXFEL

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Kein Zutritt

ausser für autorisierte European XFEL Mitarbeiter

No Access

except for authorised European XFEL staff

Situation in Hamburg/Schleswig Holstein/Denmark

- There is a contact restriction in place
 - Distance of at least 1.5m
 - Groups only if they live in the same house
- Everything is closed except
 - grocery stores, pharmacies, gas stations, banks, post offices, courts and administrations, repair shops for cars and bicycles, service and craftsmen companies
- Passing between the states is prohibited except for commuters
 - Our director commutes regularly to and from Denmark

European XFEL is in a safe shutdown

- The facility was put to sleep during week 12 (16 - 20 Mar)
- Accelerator remains cold but has been tuned such that no damage occurs if it warms up in an uncontrolled way
- (Almost) all employees were sent into home office except a small onsite crew to supervise and maintain the facilities
- Only specially authorised people have access to the campus
 - List A: Everybody for the current state of reduced operations
 - List B: Very restricted for a complete lockdown scenario, e. g. like in Italy or France

Novel Coronavirus SARS-CoV-2 – current situation

- SARS-CoV-2 =
 - SARS = Severe acute respiratory syndrome
 - Corona Virus 2
- COVID-19 = Coronavirus Disease 2019

Our first priority is to protect XFEL staff members, families and colleagues – please support us and act responsibly!

Coronavirus infections increasing worldwide

(01.04.2020, 4:42 pm, <https://coronavirus.jhu.edu/map.html>):

- Worldwide: 883,226 cases
- Germany: 73,217 cases
- HH (cases/100.000 inhabitants) 2,311 cases (126,2/100,000)
- SH (cases/100.000 inhabitants) 1,246 cases (43,1/100,000)
- Confirmed infections of **DESY** and **CFEL** staff members
- **No XFEL staff member** reported to be infected so far
(every sickness case was/will be contacted by HR!)

Novel Coronavirus SARS-CoV-2 – recent developments

Reduced Operation Mode from March 21, 2020, on

- **Accelerator in deep shut down mode (restart takes 4-6 weeks)**
- Instruments and technical systems in **safe state**
- Access to tunnel is forbidden
- No remote activities that might require access if problems arise

Telecommuting

- Only minimum number of staff on-site (about 10-20)
- **All staff members** are asked to **work from home**
- ITDM enabled various **telecommuting options and tools**



No need for REXX request
„Telecommuting 2020“
until 14 April 2020

Work continues via electronic means

- We use Zoom as the main tool
- All out documentation is on a document management system (ALFRESCO)
- In some areas we manage to catch up on work that was delayed to to other obligations, e. g.
 - Risk Assessments
 - Safety regulations



Restart scenarios

- Yesterday, the German government decided on a framework of rules for a restart
- We could restart if
 - we can guarantee the contact restriction rules
 - provide a hygiene and pandemic plan
- The safety group already provided such plans last week

Examples from the hygiene plan

Personal behavior that everyone should follow

- After entering the companies premises, everyone should wash their hands
- hand washing for at least 20s followed by disinfection using the products provided in the toilets has to be done frequently. The recommendations of the WHO should be followed.
- Touching the face needs to be avoided.
- Sneezing into the elbow directed away from any person close by
- keep a safe distance of 1.5 – 2m also when working
- Tasks that require working at smaller distances are not allowed unless adequate personal protective equipment is available and being worn
- No shaking of hands
- Anybody who has cold-like or flu-like symptoms, even if they are only very light, has to stay at home and depending on the severity work from home or call in sick. Exempt from this regulation are people who already recovered from the disease in the past and can present a medical certificate (e. g. positive antibody test)

Organizational rules

Offices

The offices at EuXFEL have no active air exchange and hence any infectious material in the air has the potential to stay in the air for a long time. Hence office occupancy is limited to 1 person at a time. This applies also to larger offices. Work should be organized in such a way that this limitation can be observed. For this reason, two-on-two meetings may also not happen inside offices. These should be carried out in areas where there is an active air exchange such as the corridors of XHQ or the meeting rooms. Alternatively, it might be considered whether in good weather discussions may not be done outdoors.

Meeting rooms

The meeting rooms in XHQ have active air exchange. For this reason, they may be used for small meetings. However, the maximum occupancy needs to be set to one half of the nominal occupancy. In some cases, this might even be less. TS and SRP should define this maximum occupancy number based on the specific situation of each room. The information of maximum occupancy needs to be posted outside each meeting room. Meeting rooms in XTOB have no active air exchange. Therefore, they may not be used for meetings at the moment or only in cases where at least windows on two sides are opened.

COVID-19 relevant research

- We reopened our biolabs this week to carry out COVID-19 relevant research:
 - Participation in a study of the effect of substances on the virus at DESY/PETRA III
 - Participation in studies together with the groups of Redecke and Hilgenfeld in Lübeck
- We are expecting to also use our biology beam line in the not to far future for this purpose