CERN Ideasquare

INTRODUCTION + SAFETY

EUROPEAN RESEARCH INFRASTRUCTURE CHALLENGES

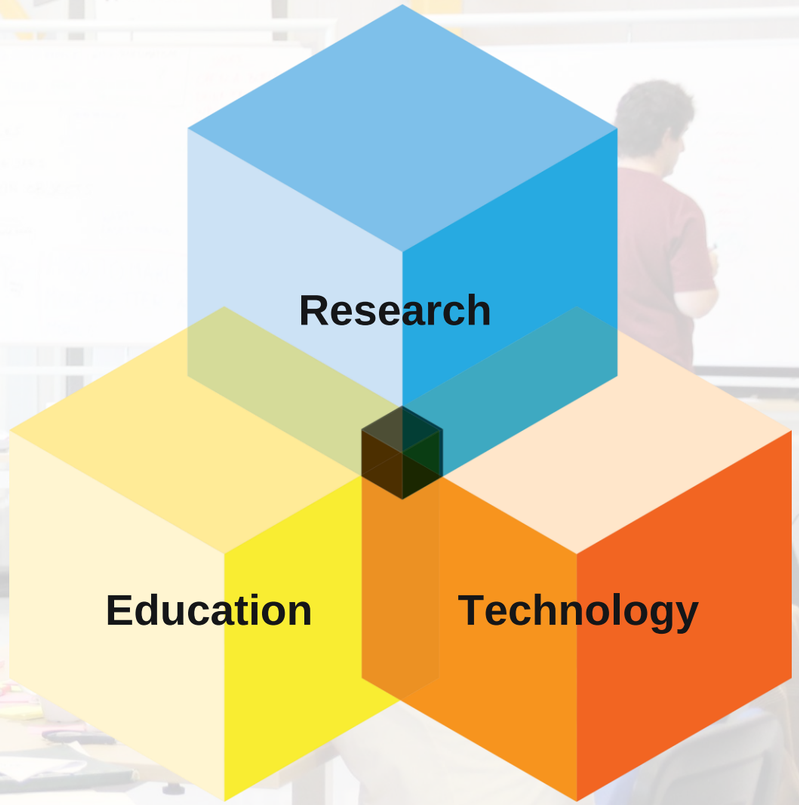
- The ERI´s, CERN included, deal with engineering and innovation challenges stemming from scientific progress
- Accumulated knowledge, capabilities and infrastructure aligned to drive advanced scientific field forward -> societal value and benefits are challenging to measure as the time from discovery to application is long
- How might we accelerate societal value creation (new technology, products, services, jobs, startups, etc) from basic research?

IDEASQUARE IN BRIEF

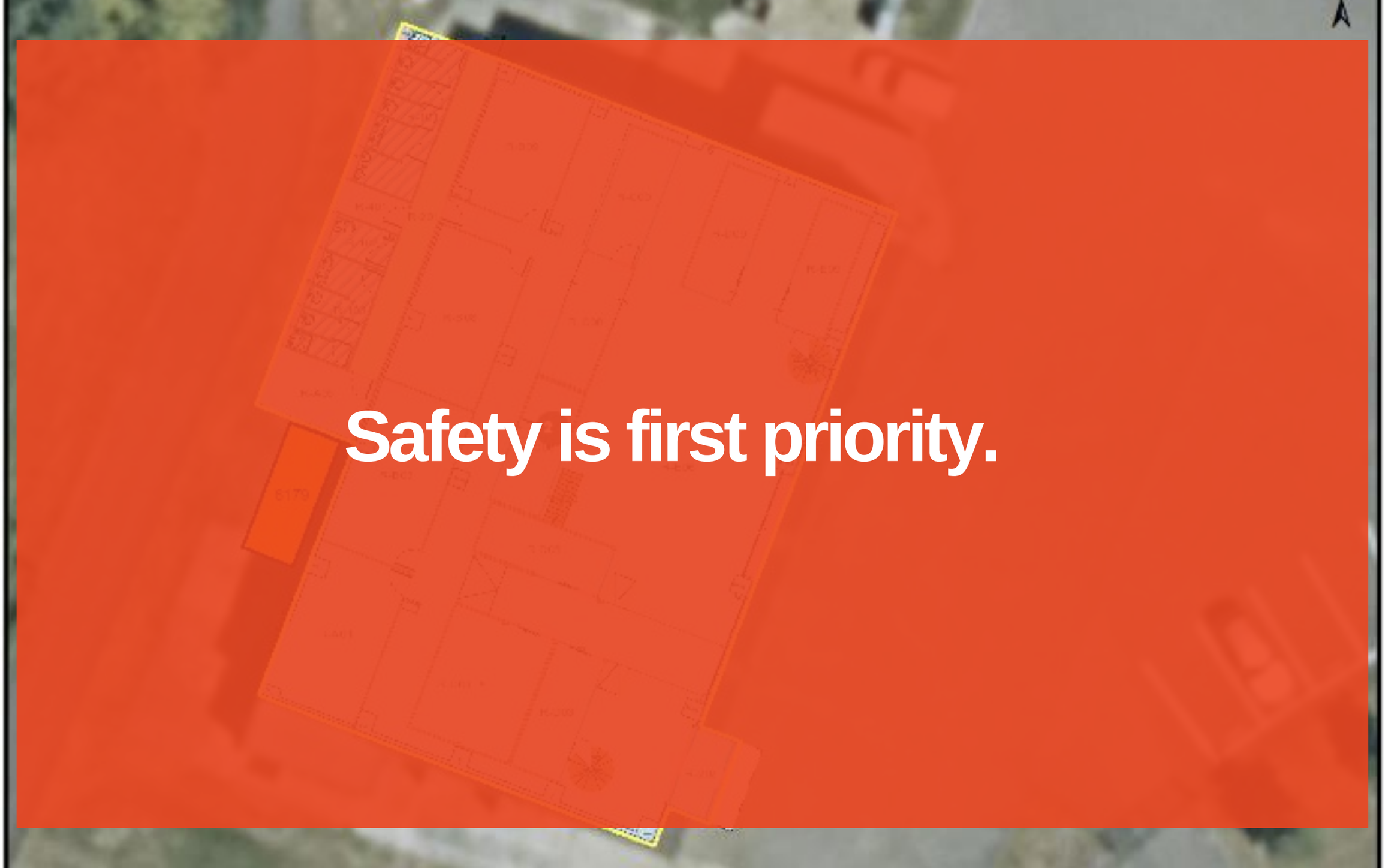
“Ideasquare is a pilot project that brings together physicists, engineers, industrial partners, early-stage researchers and cross-disciplinary teams of students to work together on detector upgrade R&D technologies. The purpose is to co-develop new technologies for research purposes, and at the same time, create a fruitful environment for socially and globally relevant new product ideas and innovation.”

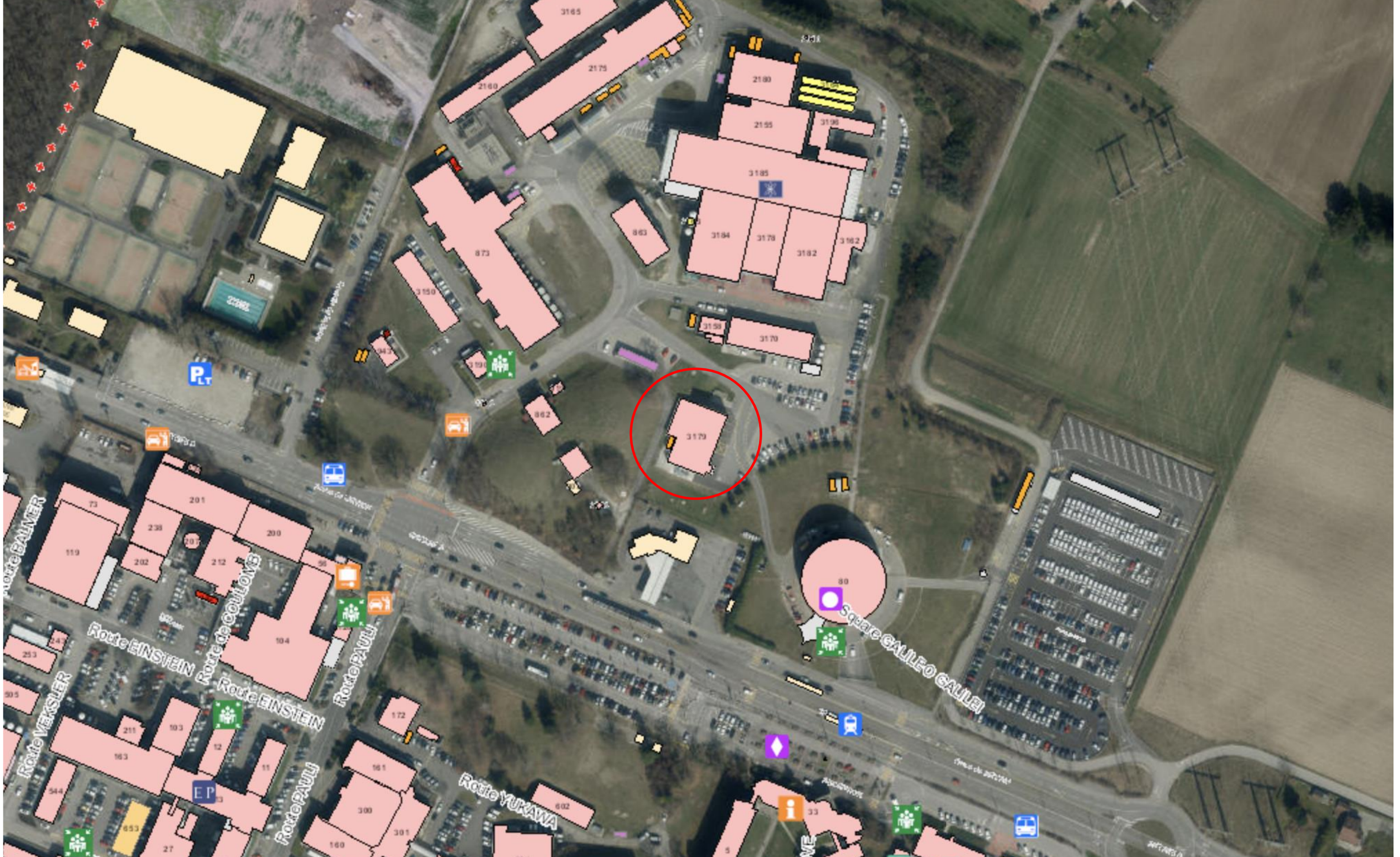
IDEASQUARE IS

- Project with a dedicated building, hosting:
  - EU-funded detector upgrade R&D projects
  - Multidisciplinary master level student programs
  - Innovation events, workshops, hackathons
- ...to prototype, test and iterate new forms of collaboration and co-creation in the areas or Research, Education and Technology - RET



Using Ideasquare spaces for Workshops and Hackathons: Safety


Safety is first priority.



Route BALMER
Route EINSTEIN
Route de COULOMB
Route PAULI
Route VEKSLER
Route YUKAWA
Square GALILEO GALILEI
3165
2175
2160
2180
2155
3196
3185
3184
3178
3182
3162
863
873
3150
3158
3170
3179
862
201
73
238
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119
202
212
104
80
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505
211
103
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163
11
544
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172
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300
301
160
602
33
5

BUILDING SAFETY B3179

- In all inside areas of Building 3179 smoking is strictly forbidden.
- In Point1 areas (nearby Ideasquare) alcoholic beverages are strictly forbidden.
- Working is possible 24/7 with CERN access card, sleeping is prohibited in all CERN buildings.
- Eating, drinking, coffee breaks are encouraged in the kitchen area.
- Cameras, photos, posting in social media are highly encouraged :)

CONSIGNE d'URGENCE / EMERGENCY PROCEDURE

BATIMENT 3179- Etage R / BUILDING 3179 - Floor R

EVACUATION

- A l'audition du signal — When the alarm rings
- Fermez portes et fenêtres — Close doors and windows
- Suivez le balisage — Follow the signs
- N'utilisez pas l'ascenseur — Do not use the lift
- Se rendre au point de rassemblement — Report to the assembly point

Emergency assembly point is located next to the Point1 access gate.

- Extincteur / Fire Extinguisher
- Alarme d'évacuation / Evacuation alarm
- Voie d'évacuation / Escape route
- Sortie de secours / Emergency exit

INCENDIE/*FIRE*

112 ou 7 44 44

- Donnez l'alarme — Set off the alarm
- Prévenez les autres personnes — Inform others
- Fermez portes et fenêtres — Close doors and windows
- N'utilisez pas l'ascenseur — Do not use the lift
- Combattez le feu — Start fighting the fire

Date:11.12.2014

EDMS:1454499

In case of an emergency

- If needed, press Fire Alarm (see map on next slide)
- If electric danger present, press Emergency Stop switch - located in each workshop area right next to the door
- Contact Fire Brigade, tel. 74444
- Go to the assembly point next to the Point 1 car gate, stay there until Fire Brigade gives you permission to leave.
- Notify immediately:
  - TSO Johann Poirot, johann.poirot@cern.ch, tel. 168883
  - Markus Nordberg, markus.nordberg@cern.ch, tel. 164452

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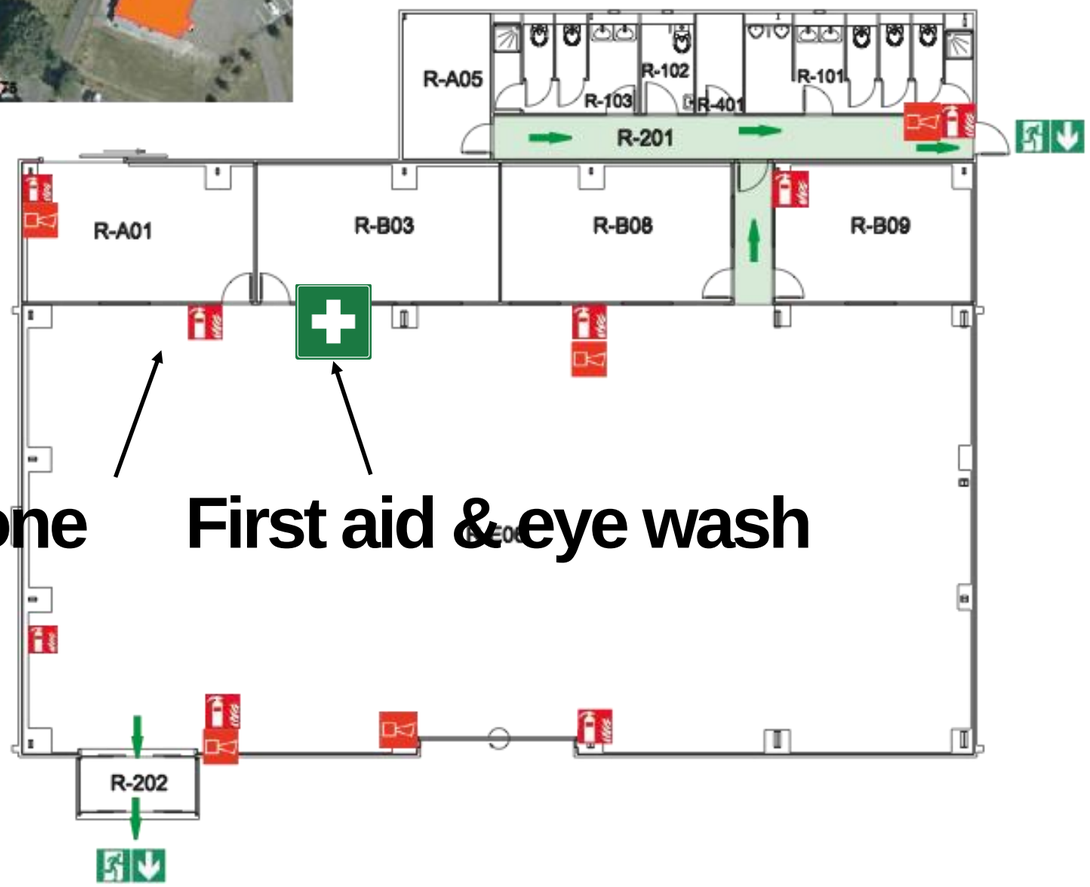

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WORKING AREAS in B3179

- Safety is first priority!
- In laboratory areas:
  - Machineshop 3179-R-A01
  - Electroshop 3179-R-B03 and
  - 3D Studio 3179-1-D01
- eating and drinking are strictly forbidden.
- For grey room (Light Lab 3179-R-B08) and dark room (3179-R-A06) areas access is restricted to authorised personnel only.

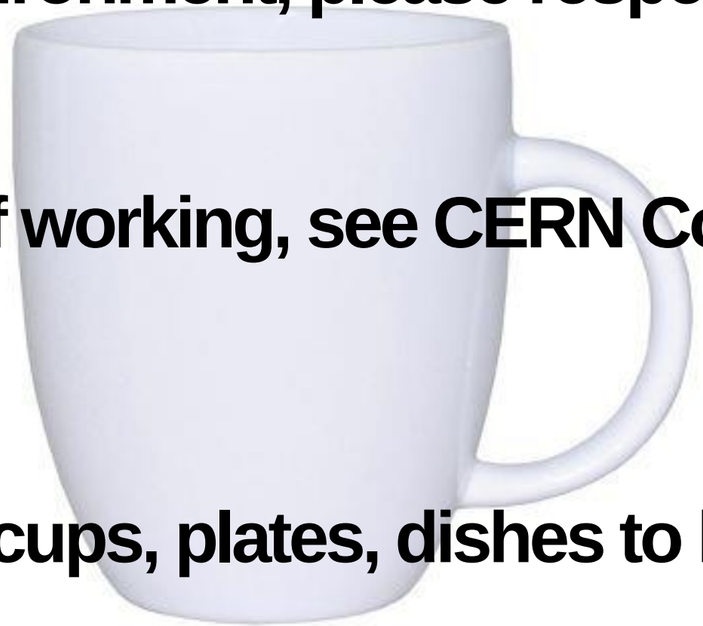
R-A05
R-102
R-103
R-401
R-101
R-201
R-A01
Machineshop
R-B03
Electroshop
R-B08
Light Lab
R-B09
Kitchen
1-D01
3D Studio
(2nd floor)
R-E06
R-202
Free to use
Work under supervision
Restricted area

WORKSHOP SAFETY B3179

- Safety is first priority!
- in Machineshop 3179-R-A01, Electroshop 3179-R-B03, 3D Studio 3179-1-D01 working is conducted “under supervision”.
  - i.e. When you want to use the workshops:
  - Come talk to Harri, Jani (or Johann Poirot) what would you like to do and we’ll figure it out together what is the easiest and fastest way to do it safely.

Keeping places tidy

- This is a work environment, please respect our common workspace.
- For CERN ways of working, see CERN Code of Conduct.
- Please, please:
  - Bring all coffee cups, plates, dishes to kitchen, put them in the machine.
  - Help collaboratively to clean up the space at the end of the day.



Take good care of each other,
Ideasquare premises & tools,
and your ideas. Remember to have fun!

Contact info:
+41 75 411 6533
harri.toivonen@cern.ch

CERN
Ideas