Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

Safety Guide for Visitors

A.G. Horns Labs

Buildings 67b and 68

NOTE: All visitors are required to sign the Safety Declaration & Consent Form located on the final page of this document prior to entering the labs.

EMERGENCY CONTACTS

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Visitors must adhere to all safety protocols and remain with their guide at all times.

Institute for Experimental Physics
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1. General Visitor Conduct

1. Visitors must be accompanied by authorized lab personnel at all times and must not enter any lab without their guide.
2. Closed-toe shoes are mandatory in all laboratory areas.
3. Tie back long hair and secure loose clothing.
4. Consumption or storage of food and drinks, as well as smoking and the application of cosmetics, is strictly forbidden.
5. Leave backpacks, heavy coats, and umbrellas outside the labs. Bringing them in creates tripping hazards and introduces unwanted dust into clean environments.
6. Keep acoustic noise to a minimum. Loud voices or sudden noises aren't just a distraction to other researchers; acoustic vibrations can easily couple into sensitive optical cavities or interferometers and ruin an active measurement.
7. Do not take photographs or videos without explicit permission from the guide.
8. Do not touch any electrical devices, cables, or exposed circuit boards. Many experimental components are highly electrostatic sensitive (ESD) and can be damaged by human contact. Additionally, do not touch any High Voltage (HV) equipment, as these systems pose a risk of electric shock.
9. Report all accidents, near misses, or abnormalities immediately to your guide.

2. Laser Labs (Building 67b: Labs 13 and 14, Building 68: Lab 8)

1. Check the laser warning signs outside the doors before entering. Entry is strictly prohibited if the sign is illuminated.
2. Wear shoe covers and a lab coat at all times when entering the optical labs to prevent contamination and dust transfer.
3. Do not lean on or apply any pressure to the optical tables.
4. Avoid stepping on the cables routed under the optical tables.
5. Do not touch any equipment, electrical contacts, the vacuum chamber, or the optical tables.

3. Magnet Labs (Building 68: Labs 10 and 11, Building 67b: Pit)

1. Entry is prohibited for individuals with Active Implantable Medical Devices (AIMD), Passive Implanted Metallic Medical Devices (PIMMD), or who are pregnant. This includes pacemakers, defibrillators, and neurostimulators.
2. Visitors must inform their host in advance if they have any medical implants, as the magnets may be operational.
3. Keep magnetic storage media, credit cards, mechanical watches, and sensitive electronics in a secure location outside the lab spaces to prevent data loss or permanent damage.

4. Do not touch the magnet systems or their control racks under any circumstances.
5. In the event of a sudden hissing sound or a visible cloud of gas, evacuate the room immediately. This indicates a Helium leak or quench, which displaces oxygen and can cause asphyxiation.

4. Emergency Procedures

1. In the event of an emergency requiring immediate power-off, press the red emergency button located at the door.
2. If the fire alarm sounds, evacuate the lab immediately and follow the instructions of your guide.
3. In the event of an eye injury, immediately flush the eye with fresh water.

Visitor Safety Declaration & Consent Form

A.G. Horns Laboratory Facilities

By signing this document, I confirm that I have read, understood, and agree to abide by the safety instructions outlined in the **Safety Guide for Visitors** for Buildings 67b and 68.

Specifically, I acknowledge that:

- I will remain with my assigned guide at all times and follow their instructions without delay.
- I am aware of the hazards present in the labs, including Class 3B/4 lasers, high voltage systems, cryogenic fluids, and strong magnetic fields.
- **High Magnetic Field Declaration:** I confirm that I do not have a pacemaker, defibrillator, neurostimulator, or any active/passive metallic medical implant, and that I am not pregnant. Alternatively, I have disclosed any such conditions to my host prior to entering the magnet labs.
- I will not touch any optical components, cables, electronics, high voltage systems, or magnets during my visit.
- I will wear the required attire (closed-toe shoes) and personal protective equipment (shoe covers, lab coats) where indicated.

Visitor Information:

Name: _____ Institution (Optional): _____

Date: _____ Signature: _____

Host / Guide Confirmation:

Host Name: _____ Host Signature: _____