

Using the X-ray and laser facilities in the group of Noheda and Blake.

Working with radiation If you are going to work with ionizing radiation *within the RUG* you have to follow the instructions of your local radiation protection officer. Depending on your work you might be obliged to take a radiation protection course.

Working with lasers If you are going to work with lasers *within the RUG* you have to follow the instructions of your local laser supervisor. Depending on your work you might be obliged to take a laser protection course.

You have to be registered by Jacob Baas, local radiation protection officer, to get permission to work in room 5118.-166, local laser supervisor, to get permission to work in room 5118.-132.

Please make sure you know the following laser safety rules:

The 10 demands of Laser Safety:

1. Always wear the correct laser eye protection glasses when working with lasers.
2. Never look directly into a laser beam even when wearing laser eye protection glasses.
3. Never look in the laser set-up using an optical element.
4. Do not pass reflective objects/materials such as rulers or glossy plastic cards through the beam.
5. Always work in accordance with the safety instructions as provided to you by the laser laboratory supervisor. These are compulsory standing instructions.
6. Remove rings, bracelets, watches and similar jewelry that present a risk of stray reflections when working with lasers.
7. Ensure, in addition to controlling the beam line, that fibres are secured into appropriate accessories, beam stops or power meters. At all times when the fibre is not secured, ensure that it is covered by a fibre cap,
8. Never look into or work above a free space laser system area without the appropriate laser eye protection glasses.
9. Visitors and personnel that have not received authorization can only gain access to laser installations/rooms under the direct supervision of the laser laboratory supervisor.
10. BE AWARE! Wearing incorrect laser safety glasses is the same as not wearing glasses at all