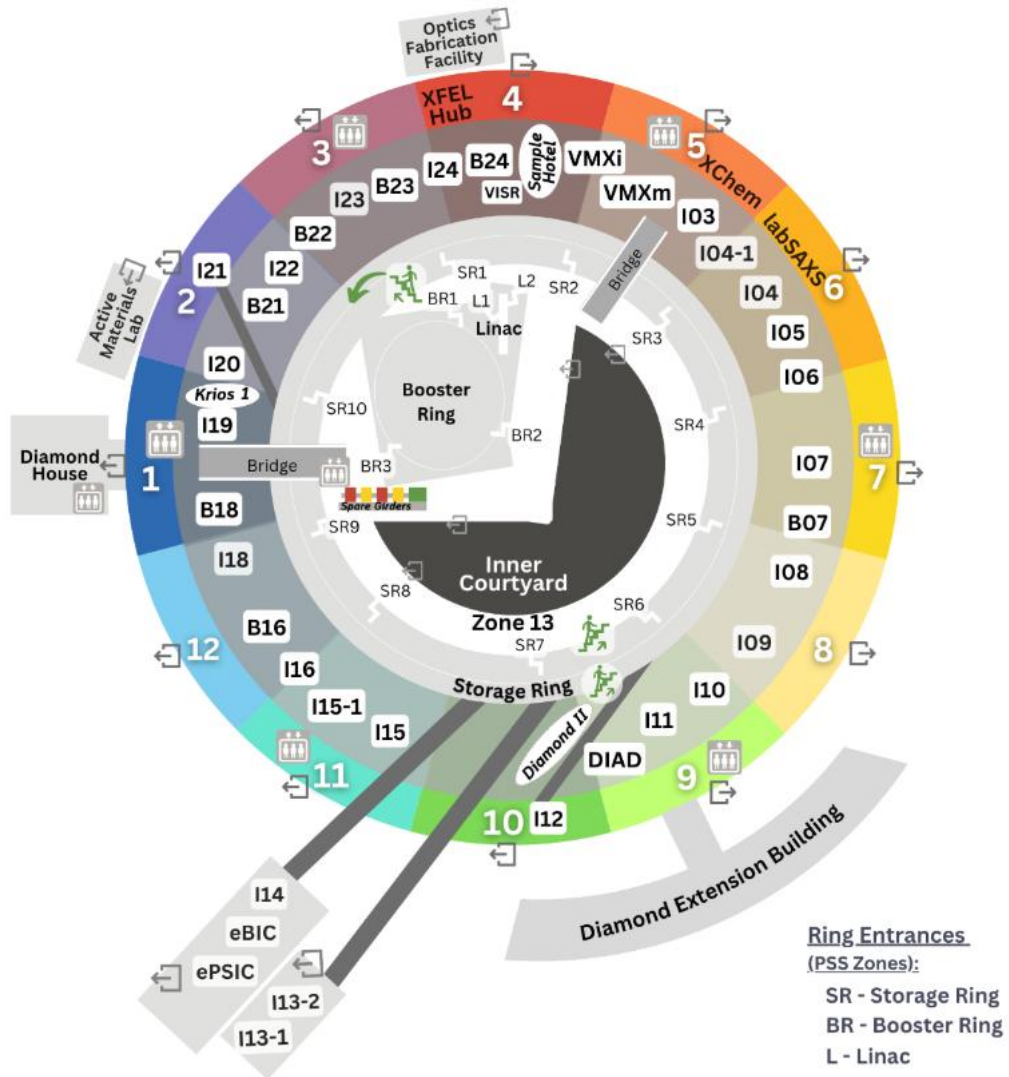


Welcome to Beamline I09

Location

The I09 beamline is located on the ground floor of the synchrotron building in Zone 08.



Parking

Parking is normally available at the visitor parking but a designated space close to the entrance of Zone 08 can be prebooked if needed. Please let your beamline local contact know if you require this space to be reserved for you, as well as your intended dates on site, no later than 15 days before your first scheduled day with us.

8 (b) is a regular space and 8 (a) has driver's side access space denoted by the hatched lines.

There is a dropped curb from the road and a straight paved pathway to the door.



Access to the beamline

There are two possible ways to access to the beamline.

A) Zone 8 entrance door (ground floor)

The Zone 8 entrance door is located closest to the beamline.

You will need to present your valid badge to the sensor to release the door. This will cause the light to flash on the card reader and a beeping sound. (The door will become locked if not opened six seconds after presenting your access card at the reader, which is signified by the card reader no longer beeping or flashing.)

The door is 76 cm wide and a pull to open door and can be heavy to open with one hand.



Once through the door, you will find stairs to the first floor, where refreshment facilities are located. An accessible toilet is located to your left. To access to the experimental ring there is another power assisted door straight ahead of 90 cm width which can be opened by pressing the power assist button. Turn slight left to find I09.

B) Entrance by Diamond House building (first floor)

Entry into the synchrotron building can also be made via the covered bridge between Diamond House and the synchrotron building.

Once through the three sets of doors, you should make your way along the top floor to Zone 7 - there you will find a lift to bring you to the Experimental Hall floor. You would then need to turn left to walk to Zone 8 and I09.

Alternatively, you will find stairs to the ground floor in Zone 8. At the bottom of the stairs/lift, a last set of doors with power assisted button give access to the experimental hall floor.



C) Exit the Synchrotron building

To exit outside by any door, you need present your access card. For the zone doors, after swiping your badge you will need to press a green dome button to unlock the doors.

User's time at the beamline

Control cabin CC2

This is the main control cabin area. It is a large room with good access. There are standard office desks with adjustable chairs.

Drinks and snacks may be consumed in this room. Users can access kitchen facilities on the first floor.

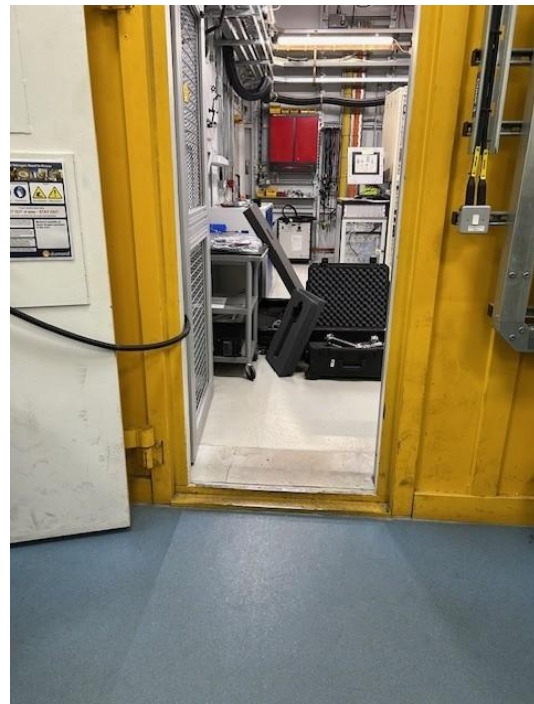
There are auditory alarms in operation, so the use of noise cancelling headphones is not permitted. The use of other sensory support equipment may be possible and you should discuss your needs with the Diamond User office in advance.



Experimental hutch EH2

Experimental hutch 2 is a radiation hutch and therefore has a small lip at floor level to enter. There are search processes which require a reasonable level of mobility in order to complete fully. The narrowest point for access is approximately 32 cm.

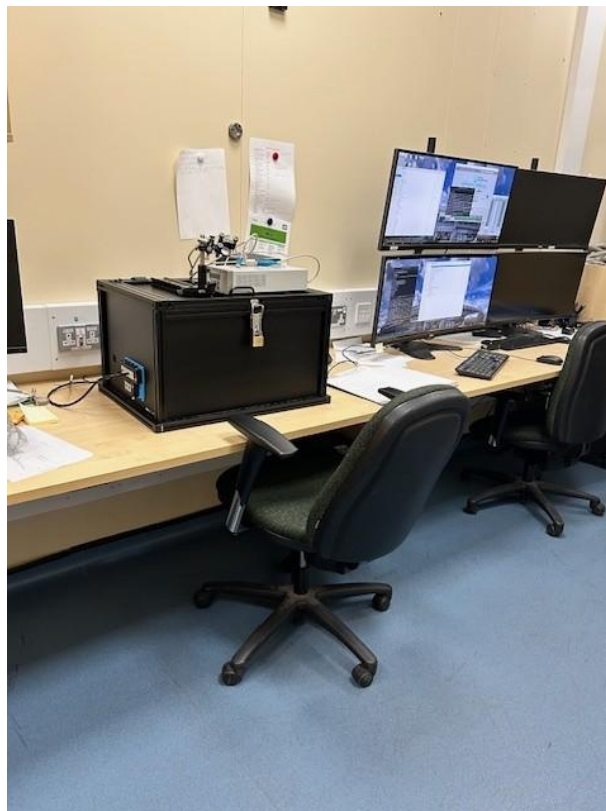
In order to access the instruments, users may be required to use the steps with handrail or the area with an integrated ladder.





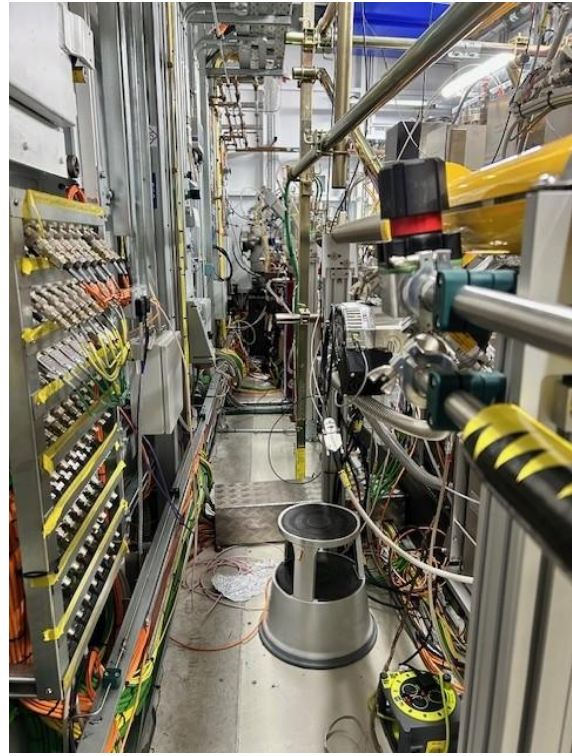
Control Cabin CC1

This room has good access with office desks and adjustable chairs.



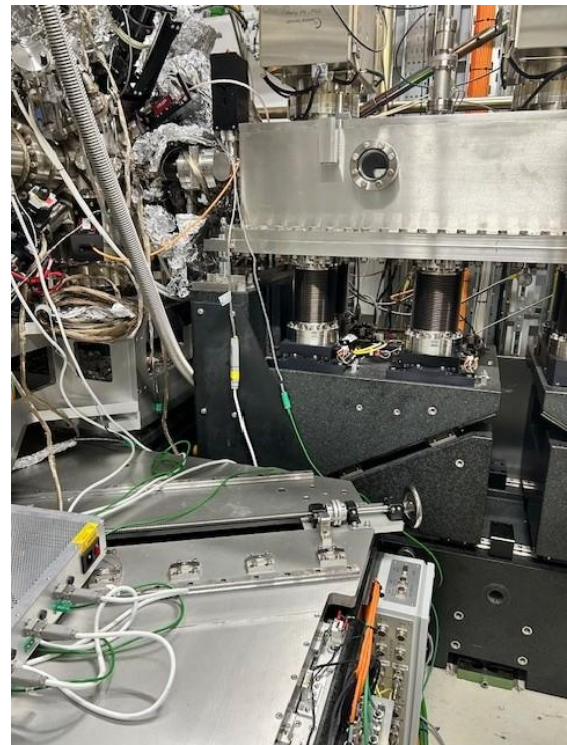
Experimental hutch EH1

The entrance to EH1 has a lip at floor level. Sample transfer will usually be done by beamline staff, but users will access the room in order to carry out the search process and to make adjustments to the instrument. The room is complex with narrow access points (41 cm) and low overhead obstructions which need to be ducked under.



Users would need good mobility in order to carry out the search procedure.

There is also a hand crank which users may need to adjust. This is situated 65 cm from floor level.



Experimental cabin EC 109

There is a double width door with no lip. This is a large room which houses the machine and the control station area.

Sample transfer is usually done by beamline staff, but users will access the sample preparation area and make adjustments to the instrument. This requires mounting two steps and pushing through a small gate. The sample preparation area is at head height (approximately 160 cm).



Lab 60

Users on the I09 Beamline may also be using Lab 60 which is located just opposite the beamline. This has a double width entry door and is a standard lab with benches and adjustable chairs. There is some overhead storage. It is a large room with some restricted spaces. Please let the User Office and a Diamond local contact know if you have any accessibility needs and we can work with you to provide the best possible access to the equipment you wish to use.



Please note that due to lead and concrete shielding, there are many areas in Diamond that have poor mobile network coverage. If you have difficulties using desk phones, or reduced mobility that you feel may hinder your ability make a call from a desk phone in an emergency, please let us know and we can either provide a wi-fi phone or help you setup your own device to make calls over our network connection, if this is possible.