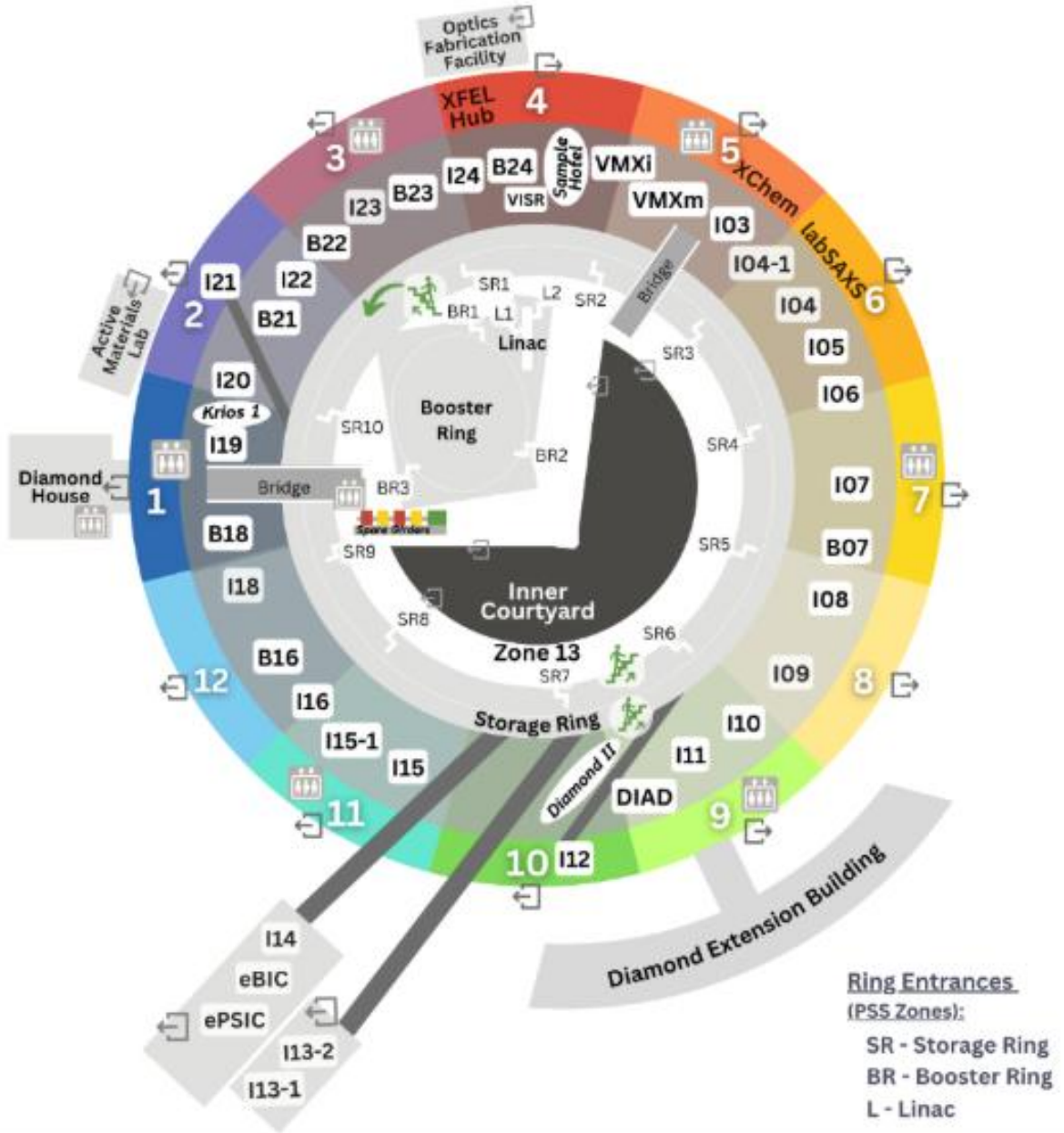


# Welcome to Beamline I10

## Location

The beamline is located at the ground floor of the synchrotron building in Zone 09.



## Parking

Parking is normally available at the visitor parking but a designated space close to the entrance of Zone 09 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).

9a is a regular space (shown on the left below) and 9b has driver's side access space denoted by the hatched lines (shown on right below). There is also additional disabled designated parking across the road next to the DEB building.

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 09 entrance door (ground floor)**

The Zone 09 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. There is also a lift available to your right. 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 right to find I10.

### **B) Entrance by Diamond House building (first floor) or through the DEB 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 09 - there you will find a lift and stairs to bring you to the Experimental Hall floor. You then need to turn right to find I10.

It is also possible to reach the Beamline directly from the DEB building across the covered link bridge. Take the lift or stairs down to the experimental hall floor.

### **C) Exit the Synchrotron building**

To exit outside by any door, you need to present your access card. For the Zone doors, on detecting your badge, you will need to press a green dome button to unlock the doors. On some doors there will be a panel which will detect your pass and will turn green to release the door. Push to exit.

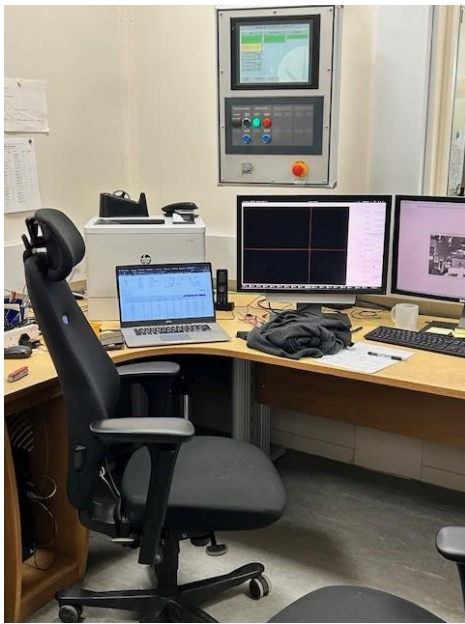
## User's time at the beamline

### Control Cabin 2 (CC2)

This is the main control cabin area. It is a small room which comfortably accommodates three people. There are fixed height work 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 your local Diamond contact in advance.



Users with Pacemakers are not permitted entry on to the beamline. Please discuss with your Diamond contact if this applies to a member of your team. We also discourage loan working on this Beamline.

### Experimental Cabin

The Experimental Cabin is a large room which houses the instruments.

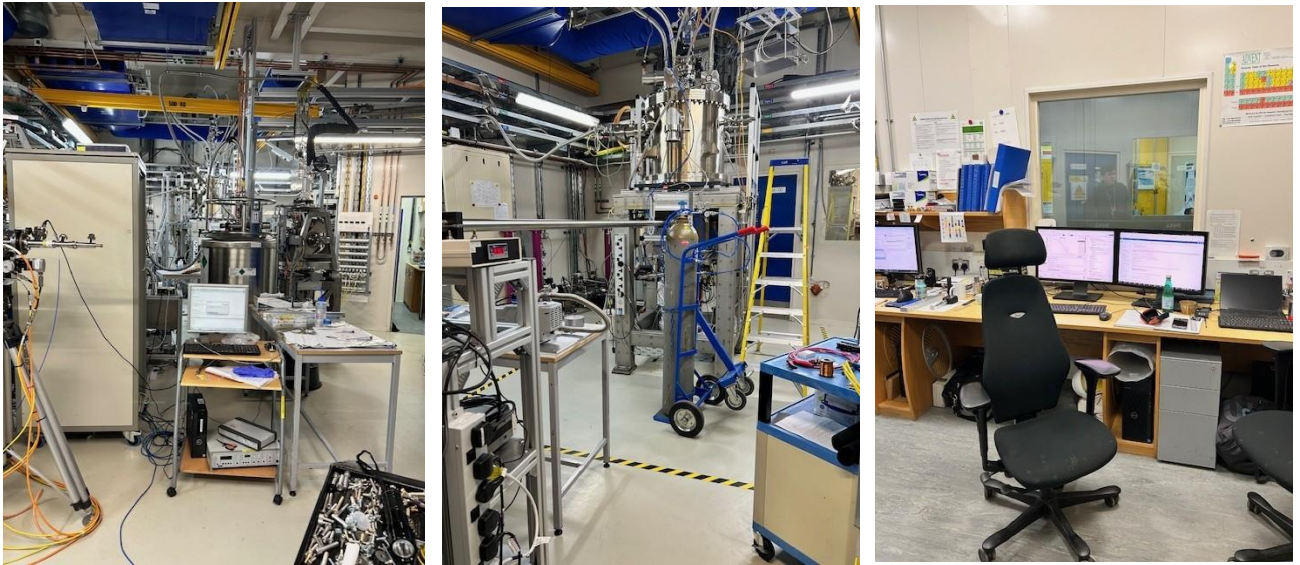
Users will be able to enter the room to observe, and it is possible to view the instruments from inside the EC or through the observation window in the Control Room.

Samples will usually be loaded by staff.



### Control Cabin 1 (CC1)

This room has good access with office desks and adjustable chairs. It is used by Diamond beamline staff.



### CC3 Prep Room

This is a small, one-person sample prep room. It has a fixed height bench and adjustable office chair.



## Optics Cabin (OC)

Users may wish to enter the optics cabin to observe the set up. There is limited accessibility in this room.



## Lab 61

Users on the I10 beamline may also be using Lab 61 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 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.**