

Parking

Parking is normally available around the ring but a designated space close to the entrance of Zone 03 can be prebooked if needed. Please let your beamline local contact know if you require this space reserved for you, as well as your intended dates on site, no later than a week before your first scheduled day with us.

3 (b) is an ordinary space with standard width parking and 3 (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 with a slight downward slope.



Access to the beamline

There are two possible ways to access to the beamline.

A) Zone 3 entrance door (ground floor)

The Zone 3 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 on the left to the first floor, where refreshment facilities are located.

An accessible toilet is located to your left. There is a lift on the right which also gives access to the first floor. To access to the experimental ring there is power assisted door straight ahead, of 90 cm width which can be opened by pressing the power assist button.

As you come through this door you will find a safety rail located 96 cm from the door. The entrance to I23 is located opposite this door.

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 can make your way to Zone 3 by turning left and traversing along the first-floor level. At Zone 3 you will come to a door signed for the kitchen and lift. This lift will bring you to the experimental floor. Alternatively, there is a set of stairs. At the bottom of the stairs/lift, a last set of doors with a power assisted button gives access to the experimental hall floor.

C) Exit the Synchrotron building

To exit outside by any door, you need your access card. For the zone doors, you will need have your access card on you which will be detected by the readers. Tap your pass against the panel and a green light should show. You can then push to exit.

User's time at the beamline

Control cabin

Entry to I23 is via blue double doors which are each 86 cm wide. There are no door lips or steps. This gives entry to the control cabin.

There are fixed desks and adjustable office chairs. This is a large area with good room for access.

Drinks may be consumed in here, but food is discouraged. Noise cancelling devices and headphones are not permissible as there are auditory alarms in operation.



To the right is the sample prep room and the experimental hutch.

While both rooms can be accessed by users for interest and observation, the sample preparation and sample loading is generally carried out by beamline staff.



The experimental hutch

Entry is through a door with a door lip. Inside there are two shallow steps which lead up to the loading station. There are no handrails. Users do not generally need to load samples into the vacuum end station.



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.