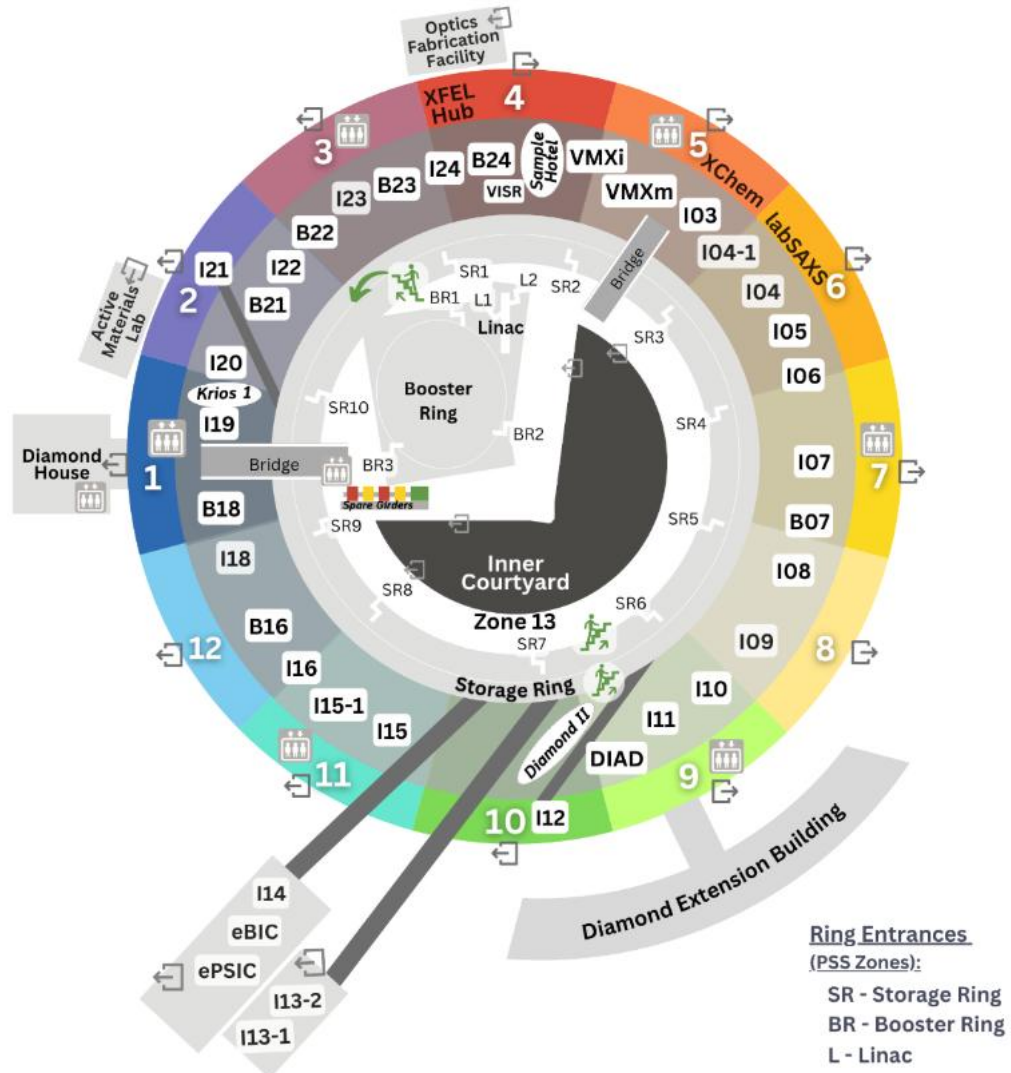


Welcome to Beamline I08

Location

The beamline is located on the ground floor of the synchrotron building in Zone 07/08.



Parking

Parking is normally available around the ring but a designated space close to the entrance of Zone 07 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.

7 (b) is an ordinary space and 7 (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 7 entrance door (ground floor)

The Zone 7 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.



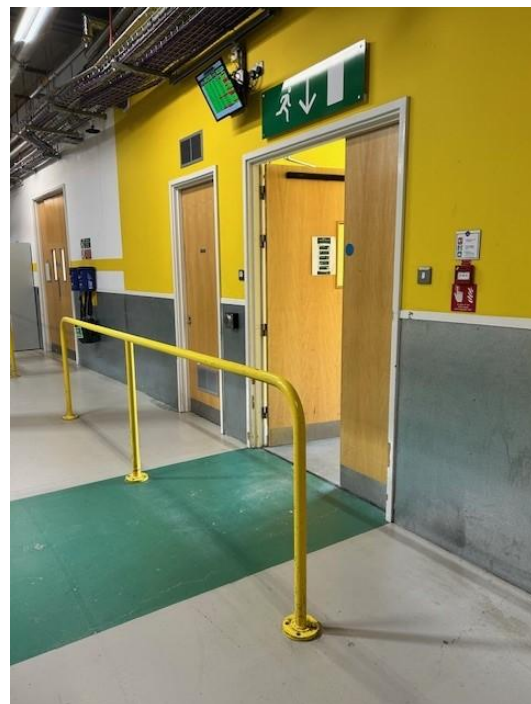
Once through the door, you will find stairs on the left to the first floor, where refreshment facilities are located. An accessible toilet is located to your left. There is a lift on the right which also gives access to the first floor. To access to the experimental ring there is another power assisted 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. Turn left to find I08.

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, turn left or right and make your way to Zone 7. This is approximately a 10-minute walk. At Zone 7 you will find stairs and a lift to the ground floor, where the beamlines are located.

At the bottom of the stairs/lift, a last set of doors with power assisted button give access to the experimental hall floor. Turn left for I08.



C) Exit the Synchrotron building

To exit outside by any door, you need present your access card. The zone door should be able to detect the presence of your access card and a small green indicator light will illuminate. You can also touch the light panel with your card. When the green light shows you can push the door to exit.

User's time at the beamline

Control cabin CR1

Entry to I08 is via a blue door which is 86 cm wide and can be opened to a further 45 cm. 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. There is also a small sofa and white board area.

Food and drinks may be consumed in here. However, noise cancelling devices and headphones are not permissible as there are auditory alarms in operation.



The experimental cabin

Sample loading and adjustments are done by beamline staff and users are not typically required to enter the experimental cabin. The instrument can be viewed through the viewing windows which are at standing height – 125 cm.



Lab 52

Users may also be using the laboratory to carry out sample preparation. These are large rooms with good access. They are fitted with standard lab benches which are approximately 90 cm high. There are adjustable chairs. There is also a fume hood which is non-adjustable.



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.