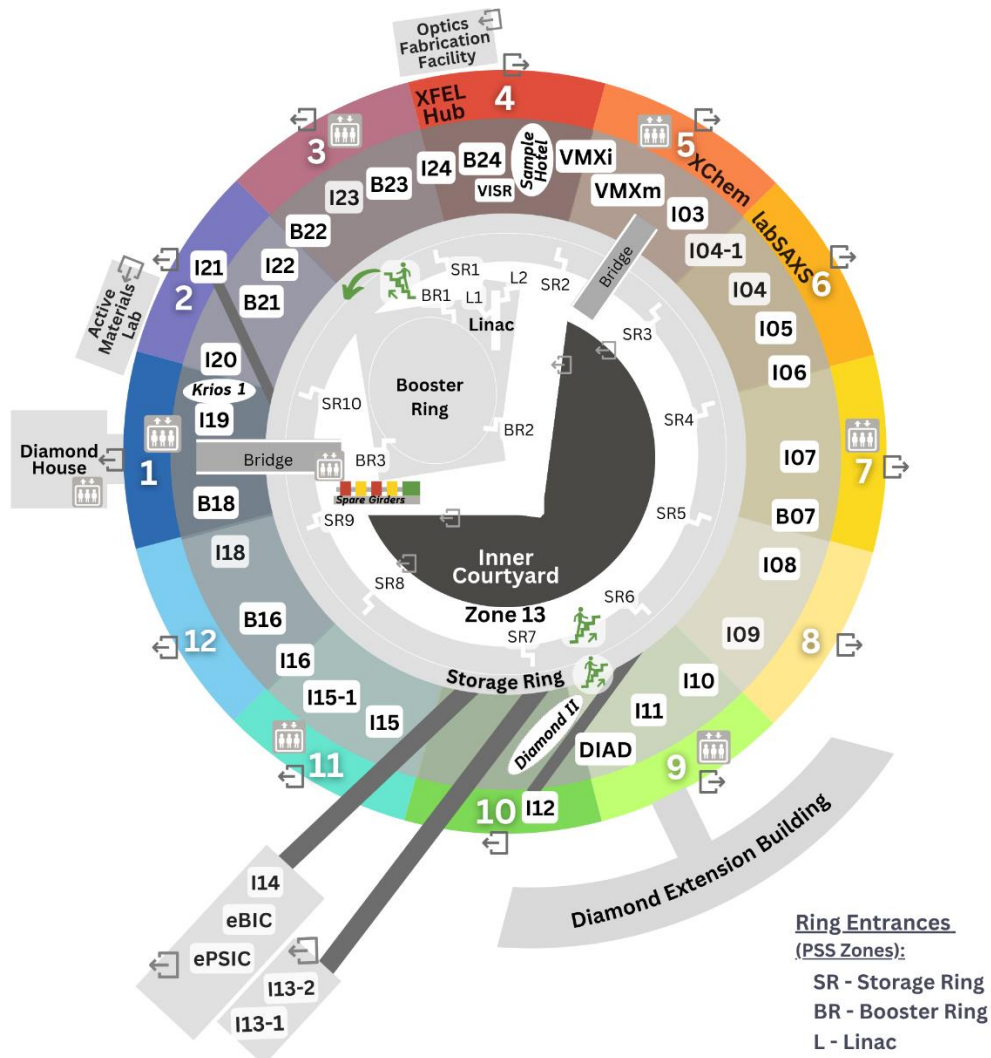


Welcome to Beamline B24

Location

The beamline is located at the ground floor of the synchrotron building in Zone 04.



Parking

Parking is normally available at the visitor parking but a designated space close to the entrance of Zone 04 can be prebook 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 15 days before your first scheduled day with us.

4b is an ordinary space and 4a 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.

1. Zone 4 entrance door (ground floor)

The Zone 4 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 lock if not opened six seconds 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 right to find B24.

2. 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 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. You will need to make your way to Zone 4 by turning left.



Exiting 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

Entry to B24 is via blue double doors which are 86 cm wide but can be opened a further 35 cm.

On entry you will be in the coffee and rest area where you will find a small sofa and a coffee machine and water dispenser.



To the left is CC3 - the Cryo-Sim room

This is a large room accessed through a door 86 cm wide. There is a workstation with a desk and adjustable office style chairs. There is good room around the area for access.



To the other side of the coffee area is CC2 - the ante chamber

This is a small room which currently houses one instrument which users may need to access. It is at a fixed height with an adjustable chair.



CC1 X-ray Microscope Area

This is the main room which houses the X-ray microscope at the far end. At one end is a wet lab area for the preparation of samples. This is fitted with standard lab benches at 90 cm height. There are adjustable chairs. There are also two fume hoods one of which is fixed and the other adjustable for height.



The other part of the room contains the workstations with standard desks and adjustable office chairs.



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.