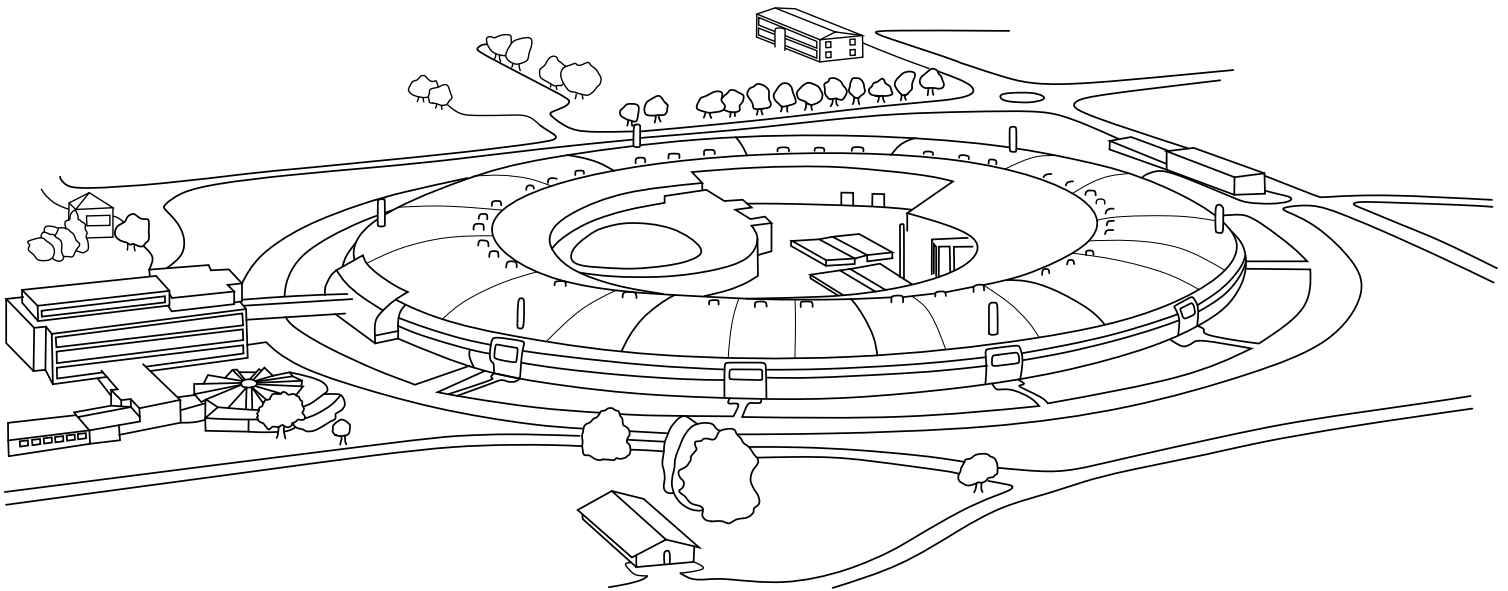


# Research Facilities

Sometimes the equipment in a university laboratory is not powerful enough for you to see the complicated and tiny physics the scientists are trying to understand. When that happens, they need to find a bigger lab!



For example, Diamond Light Source is a huge scientific research facility near Oxford that produces X-rays to shine on all kinds of materials. These X-rays are 10 billion times brighter than the sun!

We can use the X-rays to study quantum materials and understand their properties.