



Rutherford Appleton Labs – New Research Complex, R92

Rutherford Appleton Laboratories (RAL) R92 Research Building is situated on the Harwell Science and Innovation Campus at Chilton, in Oxfordshire.

Building R92 was commissioned by the Science and Technology Facilities Council (STFC). The ground floor is occupied by Physical Science users and the first floor for Life Science usages.

This 6,548 m² building is made up of around 150 rooms, of which 50 are laboratories for laser and microbiology research

The single complex will support a multi-disciplinary culture as both life science and physical science users will be housed in close proximity and use shared resources.

Laser laboratories required close temperature control of 21°C ± 0.5°C with a central dispense system for multiple gases.

Environmental features includes a 120 m long underground labyrinth (1.5m x 2.14m) Earth Tube, solar shading; adaptive lighting controls; solar thermal hot water; all of which contributed to a BREEAM rating of “Very Good”.



Client: Rutherford Appleton Labs
(RAL)

Location: Oxford, UK

Value: £20M