

Services

We offer four ways to use our services, including hands-on access to the UK's only cold probe-equipped 900 MHz spectrometer, NanoProbe and HyperSense systems.

1. **Spectrometer Time** we provide you with hands-on spectrometer access to our systems; this level is ideal for expert NMR users.
2. **Collaboration** we collect and process your NMR data, and will help with preparation of joint research grant applications and publications; this level is often used by academic groups looking to build a complementary NMR component to their research.
3. **Contract Research** we help to prepare your samples, collect and process the NMR data, and help analyze the results; this level is suited to organizations and companies wishing to out-source their NMR research and development work.
4. **Partnership** for companies wishing to demonstrate new NMR technologies or products or to develop new NMR applications and markets.

The [user policies \(/facilities/nmr/access/policies.aspx\)](/facilities/nmr/access/policies.aspx) and [fees \(/facilities/nmr/access/fees.aspx\)](/facilities/nmr/access/fees.aspx) are based on consultation with the users, university and funders.

Benefits of access include:

- **personal consultation** regarding the best spectrometers, probe, pulse sequences and software available for your research
- **on-line scheduling (/facilities/nmr/access/schedule.aspx)** to reserve time on spectrometers on an hourly or daily basis from your computer
- **remote access** to control NMR acquisitions (subject to agreement)
- **training** on NMR spectrometer setup and probe operations
- **advanced software** for automated assignment, structure determination and molecular graphics, modelling and dynamics simulation
- **personal computer account** on networked workstations, terabyte RAID server, 1000 node cluster, data backup by tape and CD/DVD, all secured by hardware firewall and linked by a gigabit ethernet
- **dedicated wet-lab** for NMR sample preparation stocked with consumables, centrifuges, pH meter, refrigerators, freezers, multi-tube cleaner, dryer and fumehood
- nearby **Protein Expression Facility** for preparation of isotope labelled proteins, offering 96-well plate screening for NMR solution conditions and ligands
- preparation and storage of **metabolomics samples** including cell extracts, biofluids and tissue samples.

Floorplan

