

Connecting to the NMR Server to Retrieve Your Data

The five NMR spectrometers listed below are now off of the internet and are on an internal network.

AVANCE 300 (BSC 411)
AVANCE II 300 (BSC 411)
AVANCE II 400 (BSC 411)
AVANCE III 200 for solids (DRO 416)
AVANCE III 400 for solids (MCD 012)

What all this Means for You

1. To access any of the five spectrometers above, you will have to change your FTP client as follows:

```
Host Name / Address :   nmr-data.science.uottawa.ca
User ID:                nmr
Password:               nmr

Path:                   /NMRDATA
```

Once connected, you will be able to navigate to each of the spectrometers and retrieve your data.

2. On the AVANCE 300, AVANCE II 300, AVANCE III 200 and AVANCE III 400, only your raw time domain data will be sent to the server. You will have to process it in your lab. Any processing, peak picking, integration, title creation, etc..... you do after the data has been acquired will not be sent to the server.

Important Information about Overwriting Data

On the AVANCE 300, AVANCE II 300, AVANCE III 200 and AVANCE III 400; when an acquisition is finished or "halted", the data are automatically written to the server to which you have FTP access. The advantage is that your data are immediately available via FTP. There is however a disadvantage. TOPSPIN does not have an option to allow data to be overwritten on the server, so new data obtained by overwriting old data on the spectrometer are stored in newly created experiment numbers on the server. Here are some examples of how data are handled by the archiving system on the server.

1. The first time data are acquired in experiment 1, 2, 3 of a data set, they are archived in experiment 1, 2, 3,

2. If experiment 1 is overwritten on the spectrometer, the server retains the old data in experiment 1 and puts the new data in experiment 1001. The data are simply overwritten on the hard disk of the spectrometer as usual (i.e. expno 1001 is not created on the hard disk).
3. If experiment 1 is overwritten a second time, the server retains the first acquired data in experiment 1, the second acquired data in experiment 1001 and the third acquired data in experiment 1002 etc.... (expno 1002 is not created on the hard disk of the spectrometer.)
4. If experiment 50 is overwritten on the spectrometer, the server retains the old data in experiment 50 and puts the new data in experiment 1050. The data are simply overwritten on the hard disk of the spectrometer as usual (i.e. expno 1050 is not created on the hard disk).