

Installing the MNova application on your laptop

Follow the detailed instructions in one of the following two files on the course website.

Installation Instructions for Mnova - Mac - 2024.pdf

Installation Instructions for Mnova - Windows - 2024.pdf

Instructions for NMR data retrieval from the NMR lab server

(for spectral data retrieval from off-campus, you will need to have VPN on)

By using a (free) FTP client:

FTP via, e.g., WinSCP (for Windows) or the FileZilla (for Mac)
(link to a WinSCP download <https://cse.umn.edu/chem/nmr-resources>)
(link to FileZilla download <https://filezilla-project.org>)

To connect, enter the following information into your FTP client:

Protocol: SFTP
Server address or Host: echo.chem.umn.edu
Login user name: zzzhon
Password (for Fall 2024): Ernst1991!
Port: 22
Remote path or site: /zzzhon

Search “/zzzhon” in the **Remote path or site** once you’ve accessed the server. Your data will be in the folder named “nc400” (a new 400 MHz spectrometer added in Sept 2020).

FTP/copy/drag the **entire folder** of your spectrum filename (most often named “10”) to your computer desktop and store in a convenient and organized location; (include your name or initials in a folder name if you are using a desktop computer in 491a).

Open the *entire folder* with the **MNova** application. One convenient way is to drag-and-drop the entire folder into an already opened window in MNova.

FYI, you can then resave your processed NMR spectrum from MNova as a .mnova file. You can also “Export to PDF” for later incorporation into your lab reports by (as a single page).