



## Interpretation of 1D and 2D NMR spectra from the browser [SP-13] NEU

### Goal

This course is focused on the interpretation of spectra and we will not discuss the different acquisition techniques. It will involve a lot of exercises during which the participants will use various tools that are available on the internet for free and that we have developed like:

- [www.nmrium.org](http://www.nmrium.org)
- [www.nmrdb.org](http://www.nmrdb.org)

### Target Group

Users that would like to refresh their knowledge in nuclear magnetic resonance in order to quickly analyse and share NMR spectra directly from webbrowser.

### Content

During this course the following topics will be discussed:

- magnetically equivalent atoms, chemical shifts, coupling constants, second order effect (simulation)
- proton, carbon, COSY, HSQC, HMBC, NOESY
- molecule assignment
- metabolomics (comparing several hundreds of spectra)

### Approach

The class will involve a lot of exercises and participants should bring their own laptop with Google Chrome installed. They should also check that the website <https://www.nmrium.org> works from their laptop.

## Propriétés de l'événement

<b>Date de l'événement</b>	05.06.2024 09:00 - 05.06.2024 17:00
Places	15
Enregistrés	0
Place disponible	15
Prix individuel	
Kurssprache	English
Lieu	