



## **Application for spectrometer time at the Bavarian NMR center**

The BNMRZ provides access to the 1200 MHz spectrometer (AV Neo “Charlie”) to external (national) users.

The Terms of Use and an overview of usage costs can be obtained from <https://www.bnmrz.org/spectrometer/nutzerordnung>

### ***Please fill out all of the following fields:***

1. Principal investigator (title/name)
2. Principal Investigator (position)
3. Institution name
4. Institution address
5. Institution Type (Academic / Government / Industry)
6. E-mail address
7. Phone number

8. Operator (name, status, experience)

9. Project Title

10. Project description

What is the research question and aim of the NMR experiments requested?

Which preliminary data are available?

What is the benefit of the highfield?

11. NMR experiments proposed

type (2D, ND)

experimental time required

any specific aspects?

12. Please provide one figure (one page pdf) demonstrating sample purity, and e.g. 2D spectrum to illustrate sample quality

13. Setting up experiments

Will you bring your own pulse sequence or use Bruker or BNMRZ experiments?

User will setup in person (after instruction by BNMRZ staff)?

User will setup remotely (sample shipped, instruction by BNMRZ staff)?

User will setup remotely (BNMRZ staff will setup experiments)?

14. Sample description

type protein, nucleic acid, etc.

molecular weight

isotope-labelling

buffer: concentration, purity, solvent, salt concentration, any toxicity info

temperature required