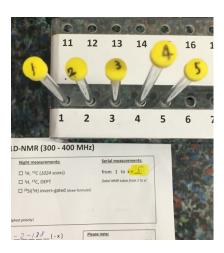
General guidelines and rules of the OC NMR department (as of 25.07.2023) – for external coworkers

Ser	vice NMR:
	Requests for measurements should be done through submission of a sample with a request slip Contact with NMR personnel preferred over the phone or by email
400	 MHz NMR services available on request: Urgent ¹H and ¹⁹F NMR measurements (will be measured in priority) (e.g. if there are too many samples in the queue of the access spectrometer!) All type of 1D-experiments ¹H, ¹³C, heteronuclear, and specialized ¹⁹F NMR measurements Serial measurements
	 h-field NMR: Please ask, per Email before submitting high field NMR and/or 2D-NMR-measurements for the first time Specialized 1D/2D NMR measurements – see the request slip for details Other specialized techniques available on request As a rule, only accepted after initial confirmation of purity through ¹H and ¹9F NMR on the 400 MHz spectrometer A list of δ(¹9F) values must be given on the request slip for samples containing fluorine
	elling of samples: No letters or symbols should be used to label samples beyond those of the user's three-letter abbreviation, e.g.: mue 591-1 (= user identifier & reaction/sample number) ernal coworkers will receive the user identifier on request (klaube@wwu.de). Please, add your phone number!
Rec	Template should be downloaded, filled out, and printed in advance (Don't plot the paper double-sided!) (https://www.uni-muenster.de/Chemie.oc/en/nmr/nmr-service.html) The solvent, amount of analyte, reaction number and requested experiments should be filled out by hand in legible handwriting One form for several samples only with the same solvent and with identical measurement requirements
	The exterior of NMR tubes must be absolutely clean NMR tubes must be 18–21.5 cm long; broken or damaged NMR tubes and caps are forbidden External coworkers have to use red caps for the nmr tube. Tubes should be filled to 5 cm with samples, in deuterated solvents only
Spe	Samples will be numbered 1 through x Only possible for samples in the same solvent and with identical measurement requirements Instead of attaching a sample label, the caps should be marked 1 through x and placed in the provided sample stands (to the right of the department entrance) with one request slip per series
San □	nple submission and return: In front of the department entrance (observing all signs)
Dov □	wnload of raw data: Data from all spectrometers can be downloaded onto the user's PC immediately after measurement with the program "mora the explorer".

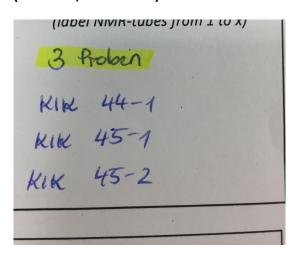
Examples:

Several samples with the same solvent and identical measurement requirements:

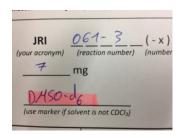
Serial measurements: (only for more than 3 samples!)



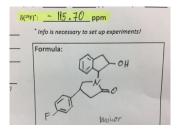
Up to three samples: (One form, three labels)



For solvents other than CDCl₃:



Highfield-NMR of Fluor containing compounds $\delta(^{19}F)$ is required:



Acknowledgment:

We thank Matt Milner for kind translation and especially for providing the program "mora the explorer"!

Final note:

☐ Samples that do not conform to the guidelines 100% will be returned unmeasured.