



Looking for a PhD student in fast-MAS solid-state NMR + postdoc *R. Linser*

The group of **Rasmus Linser** at the Ludwig-Maximilians-University in Munich, Germany, is looking for a PhD student in the field of bio-NMR.

Our focus is the characterization of protein structure, dynamics and interactions, using both solution and solid-state NMR spectroscopy. In the past, we have committed ourselves to the development of innovative NMR methodology as well as application of new and established methods to better understand the behavior of various proteins. Current interests are dynamics playing a role for enzymatic function and for protein-small molecule interactions. Our lab has its own new 800 and 700 MHz magnets used for both, solids and solution. We own a broad selection of solids probes, including 3.2, 2.5, 1.3, and 0.7 mm, reaching up to the highest spin rates of commercially available technology above 110 kHz MAS. The biochemistry lab structure is very well set up (including for example a brand-new Beckman Coulter centrifuge and two ÄKTA systems) and furthermore well connected within the faculty.

The preferred candidate should be interested in both, expression and NMR characterization of proteins, including all aspects from screening of conditions, assignments, structure calculation, and basics of dynamics.

He or she should be a devoted scientist hungry for structural biology data and scientific exchange with his or her fellow coworkers. A social and committed personality is also an important prerequisite.

Munich is a major science hub known for its lifestyle and culture, close to the Alps and picturesque nature reserves. The faculty for Chemistry and Pharmacy, including the Gene Center, is around the corner from the Biology campus and the MPI for biochemistry and has an extremely constructive and collegial vibe. The group forms part of several platforms fostering high-quality interdisciplinary research and scientific exchange, including the CIPSM Center of Excellence, the Center for NanoSciences CeNS, and the LMU Center for Advanced Studies.

If you feel like you meet the above criteria, I would be very happy to get in touch.

Please also check the following webpages:

www.cup.lmu.de/oc/linser/

<http://www.cipsm.de/>

<http://www.cens.de/>

