

PostDoc position: Calculation of NMR properties

required

- a PhD in theoretical chemistry
- English: excellent communication skills (oral and written)
- German skills are helpful
- competence should be underlined by publications in international scientific journals
- Ideally, the applicant should have experience both with calculations of molecules and periodic structures and their properties. The target of our work are solid inorganic materials, including elements from the 1st to 5th period.
- basic programming skills in C, C++ or TCL.

offered

- A (minimum) 1 year postdoc position. Under normal circumstances the contract can be extended up to 3-5 years.
- payment: full position, payed according to the "Bundesangestelltentarif" BAT IIa.
- The postdoc will work together with inorganic and physical chemists inside an Emmy-Noether group and is most welcome to learn solid-state NMR spectroscopy. The materials are solid inorganic materials for example ternary phosphorus and silicon nitrides. The aims are measurement and calculation of NMR properties to elucidate the structure of crystalline and amorphous samples using common software packages.

application

Applications should include

- CV
- diplomas
- list of publications
- copies of the 3 most important publications and an abstract of the thesis in English
- email address of 2 senior scientists willing to give a recommendation
- a short description of the techniques and methods the applicant feels confident to work with.

The application should be sent to "Jörn Schmedt auf der Günne" to the address given below.

address:

Department Chemie und Biochemie
Ludwig-Maximilians-Universität
Butenandtstr. 5-13 (Haus D)
D-81377 Munich, Germany

web: <http://www.cup.uni-muenchen.de/ac/schmedtadg>

email: gunnej at cup.uni-muenchen.de