Postdoctoral Position in Shenzhen/Bremen in Computational Physics, Chemistry and Biology

The University of Electronic Science and Technology of China jointly with the Bremen Center for Computational Materials Science (BCCMS) at University of Bremen invite applications for several Postdoctoral Research Positions in the field of **Computational Physics, Chamistry and Biology.**

Major topics of research include:
- Molecular Docking, Molecular Modeling for Structure-based Small Molecule Inhibitor Design
- Real-Time Quantum Dynamics using TD-DFT/B
- Optoelectronic Device Modeling using First-principles Method

Applicants should hold a PhD in Computational Physics/Chemistry/Biology and have experience in a broad variety of computational techniques, particularly molecular docking, machine learning methods, and protein-ligand simulation. Strong Skills in programming (mostly Fortran+MPI, C and Python) are required.

Successful candidates will work in Shenzhen Institute for Advanced Study, University of Electronic Science and Technology of China (UESTC) with extended periods of research at BCCMS in Bremen, Germany. We offer competitive salary ranging up to 600 k-RMB per annum before TAX and we expect strong commitment, excellent communication skills and ability to work with highly qualified professionals with international backgrounds.

Postdoctoral Research Scientists at UESTC and BCCMS Bremen are typically appointed for an initial 2 years period, with a possible extension for an additional year. **Promotion to an Assistant Professor at the Tenure Track Level is possible depending on the qualification and excellency of scientific record of applicants. Candidates having potential to apply within the Young Researcher 1000-Talent Program are particularly encouraged to submit applications.**

Applications, including Motivation Letter, CV, Academic Record, Major Achievements, list of publications, 3 Reference Names, have to be sent in the above order within a single pdf package to Prof. Thomas Frauenheim - frauenheim@bccms.uni-bremen.de an Prof. Chi-Yung Yam yamcy@uestc.edu.cn

Prof. Dr. Thomas Frauenheim;
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