Postdoctoral / PhD Research Position: 
*Ab-Initio Dynamics of Condensed Matter*

In the Ab-Initio Dynamics of Condensed Matter Group we are aiming to develop novel computational methods to study complex many-body systems such as liquids, biomolecules in solution and solids from first-principles. We are currently particularly interested in liquid water as well as metallic hydrogen. Along those lines we do have a postdoctoral research and a PhD student position to offer, which consists of both method development and application.

Potential candidates must have a PhD / Master degree in Chemistry, Physics, or related discipline and a strong interest in computer simulations as well as programming. Basic experiences with Linux, numerical methods of theoretical physics/chemistry, electronic structure methods and/or molecular dynamics are highly desirable, but specific knowledge of any of these areas is less critical than exceptional intellectual ability.

Consideration of candidates will begin immediately until the position is filled. Questions and applications in electronic form including a cover letter and contact informations of at least two academic references should be directed to kuehne@uni-mainz.de.