

Ph.D. and post-doc positions available

2 PhD and 3 Postdoc Position available in the field of Simulations of Polyelectrolyte Multilayers, dense Ferrofluids, Hydrogels, and DNA translocation.

Common to all applicants should be a strong background to MD or MC simulational strategies, and knowledge of basic theoretical soft matter background (polymers, colloids) or knowledge in atomistic modelling (biomolecules, proteins). The simulations and any other code development will mostly be performed using ESPResSo (www.espresso.mpg.de).

All position are initially for one year, renewable upon mutual agreement and success. Applicants for the Graduate Student Positions will join a three year PhD program. Candidates should have a Masters degree in theoretical physics, or equivalent knowledge, and a keen interest in statistical physics. Applicants should submit:

- resume (including date of birth, grades, awards, publications),
- statement of research interests (up to 2 pages),
- names and email addresses of 2-3 references
- links to their thesis and/or publications

Presently the group is located at the Frankfurt Institute for Advanced Studies (FIAS) and works in the area of Computational and Theoretical Soft Matter and Biophysics (fias.uni-frankfurt.de/~simbio).

Positions will remain open until filled.

Please send all application material per email to c.holm@fias.uni-frankfurt.de