



FIAS Frankfurt Institute
for Advanced Studies



2 PhD and 3 Postdoc Position available at the

Frankfurt Institute for Advanced Studies (FIAS)

in the area of

Computational and Theoretical Soft Matter and Biophysics.

The positions are in the group of Christian Holm (fias.uni-frankfurt.de/~simbio). In particular we look for applicants in the field of

*Simulations in the field of Heterogeneous
Nucleation of Colloids, dense Ferrofluids, and
Hydrogels, as well as Polyelectrolyte Multilayers
and Biomolecules*

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

There will be ample opportunity to interact with other researchers at **FIAS**, the close-by Max Planck Institute for Biophysics, the MPI for Polymer Research, and the Johann Wolfgang Goethe University Frankfurt. The official language at the institute is English.

All position are initially for one year, renewable upon mutual agreement. Successful applicants for the Graduate Student Positions will join the three year PhD program at the new Frankfurt International Graduate School for Sciences (FIGSS). Candidates should have a Masters degree in a quantitative discipline (see above) and a keen interest in several of the lab's research areas. 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

Positions will remain open until filled. Please send applications per email to

c.holm@fias.uni-frankfurt.de