

Computational Biophysics

The Laboratory for Computational Biophysics at the German Research School for Simulation Sciences GmbH in Jülich (Germany) combines different computational approaches in a powerful strategy aimed at dissecting structural and energetic facets in cellular pathways related to human perception and molecular medicine. For our team of research staff, we are seeking highly qualified and motivated young scientists (doctoral and postdoctoral research assistants).

Currently, two positions are open:

1. Doctoral research assistant

The position offers:

- Work on research and development in the area of ab initio, classical and hybrid QM/MM simulations of biological systems
- The opportunity to pursue a doctoral degree
- Collaboration with international partners
- Possible topics for proceeding student projects, Bachelor's and Master's thesis

The successful candidate will have:

- A Master's degree or equivalent in physics, chemistry, biology or a related discipline
- Excellent written and oral communication skills
- Good command of English
- High motivation and the ability to work effectively with others

The office location is Jülich.

The salary will conform to the provisions of the TVöD (Federal Collective Agreement for Public Employees).

We are looking forward to receiving your application.

If interested please send applications with the relevant documentation to:
German Research School for Simulation Sciences GmbH
52425 Jülich
Germany

Contact:

Prof. Dr. Paolo Carloni, email: p.carloni@grs-sim.de

2. Postdoctoral research assistant

The position offers:

- Work on research and development in the area of ab initio, classical and hybrid QM/MM simulations of biological systems
- Collaboration with international partners
- Supervision of student projects and involvement in our teaching curriculum

The successful candidate will have:

- A doctoral degree in physics, chemistry, biology or a related discipline
- A track record of conducting independent high-quality research
- Experience in some of the classical and ab initio molecular dynamics packages
- Excellent written and oral communication skills
- Good command of English
- High motivation and the ability to work effectively with others

Additional qualifications:

- Experience in parallel scientific computing

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