



Max-Planck-Institut für Dynamik und Selbstorganisation

Max Planck Institute for Dynamics and Self-Organization



In the *Department of Living Matter Physics* (LMP) we seek to fill a number of

Postdoctoral Researcher positions.

The Max Planck Institute for Dynamics and Self-Organization (MPI-DS) at Göttingen, Germany, is an international, interdisciplinary and collaborative environment offering an exceptional research setting. It hosts a range of theoretical and experimental fundamental scientific research and a diverse group of researchers. Altogether, it employs about 300 people.

The LMP department engages in a wide range of theoretical research aimed at understanding the dynamics of living systems from a physical perspective. The department currently hosts Ramin Golestanian (director), Jaime Agudo-Canalejo (group leader), Philip Bittihn (group leader), Benoît Mahault (group leader), Andrej Vilfan (group leader), and a number of postdoctoral researchers, students, and visitors.

The research

The postdoctoral researchers will engage in theoretical and computational research in Nonequilibrium Statistical Physics of Active Matter and Living Systems. Possible topics include chemical and mechanical nonequilibrium activity and flow of information across the scales. For more information, visit our website (<http://www.ds.mpg.de/lmp>).

Your profile

We are looking for excellent, enthusiastic and self-motivated researchers with relevant background and good communication skills to join our research team. The ideal candidate should have:

- A PhD/DPhil degree (or comparable) with a background in theoretical physics, applied mathematics or related disciplines from a recognized university.
- Prior experience with nonequilibrium statistical physics and living matter physics.
- Ability and desire to work in a multi-disciplinary international team.
- Good command of English, which is the working language of the department. German is an asset but not required.

Our offer

We are offering excellent working conditions in a highly interdisciplinary and stimulating research environment. Salary is in accordance with the German state public service salary scale (E13 TVöD-Bund) and the corresponding social benefits. Working hours are full time. We offer opportunities regarding work life balance as well as health promotion services. The postdoctoral position is for two years with the possibility of extension. The starting date is flexible.

The Max-Planck Society is committed to achieving the highest level of excellence and diversity. We encourage applications from women in areas where they are underrepresented, which includes theoretical physics. Moreover, we are committed to providing suitable working environment for everyone including individuals with disabilities.

Your application

To apply, please follow this link with the reference no MPIDS-W057: https://s-lotus.gwdg.de/mpg/mpsf/perso/mpids_w057.nsf/application and submit your CV, publication list, a statement of research interest, and contacts of two referees. In addition to the description of your proposed research, it should also briefly describe your past and current research interests and why you are interested in joining our department. Processing of applications will start immediately, and will stop when the positions are filled. Special consideration will be given to those who need an accelerated processing of their application. You are encouraged to apply as soon as possible.

For questions, please contact:
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