



The MPI-CBG invites applications to establish up to two Research Groups for:

Max Planck Research Group Leaders (W2) in Mathematics for Living Systems

We are looking for internationally recognized scholars from the mathematical sciences with a research profile in applied algebra, geometry, topology, and/or tensors, with experience working in biology, statistics, machine learning, stochastic modelling, dynamical systems and/or optimization. We encourage pioneering projects that transcend disciplinary boundaries.

The [Max Planck Institute of Molecular Cell Biology and Genetics \(MPI-CBG\)](#) and the adjacent [Center for Systems Biology Dresden \(CSBD\)](#) pursue a mission to advance multiscale biological discovery through innovative and cutting-edge mathematics, physics, and computation. With the recent appointment of Prof Heather Harrington as the new director at MPI-CBG and CSBD the institute is heavily investing in expanding mathematics for living systems. An advantage of this position is ample opportunity for close collaborations with other research groups at the institute as well as CSBD partners, the [Max Planck Institute for Physics of Complex Systems \(MPI-PKS\)](#) and the [Technische Universität Dresden](#).

Currently about 500 employees work at the institute, representing over 50 nations and a wide range of scientific expertise. As an employer, MPI-CBG offers a diverse working environment that fosters open communication, with a positive work-life balance, strong focus on community, and support for families. The official language of the institute is English. Candidates should hold a PhD in mathematics or related fields, ideally awarded within the past seven years, and have postdoctoral research experience. An anticipated start date would be Autumn 2024.

Our offer:

- The initial group leader appointment is for 5 years, with the possibility of extension upon successful evaluation
- The competitive salary and benefits are based on the W2 remuneration group of the Federal Civil Service Remuneration Act (Bundesbesoldungsgesetz)

Junior group leaders receive a competitive core support package with funds for postdocs, PhD students and technical staff which can be expanded by attracting external third-party funding. Funding for equipment, workshops, and travel is provided. Successful candidates will develop an independent research program in an interactive and cross-disciplinary environment, benefiting from access to our technology platforms and facilities, including high-performance computing infrastructure. Group leaders play an active contributing role in scientific and operational administration, engaging with our predoc and postdoc programs and representing the institute at various external meetings and scientific bodies. We also benefit from a rich collaborative network within the Max Planck Society and close links to our partner university, the Technische Universität Dresden.

We are an equal opportunities employer and welcome people of all backgrounds to apply. As a family-friendly employer, we offer flexible working conditions and childcare via partnerships with 3 nearby day care centres. Our dedicated International Office provides support with the relocation process, including visa applications, housing, and other matters for successful candidates and their families.



Your application:

Please submit your application via our online application system stating Code **2023-MPRGL-Mathematics-1120** via the following link: <https://recruitingapp-2443.umantis.com/Vacancies/566/Application/CheckLogin/2?lang=eng>.

Kindly include the following materials:

- Curriculum Vitae (CV) including publication list
- Up to four-page research statement, of which half should be devoted to future research plans (excluding references).
- Up to three of your most important papers
- Names and email addresses of at least two references who are willing to provide a letter of recommendation.

The deadline for applications including references is **November 10, 2023**.

Inquiries & Next Steps:

Successful applicants should be prepared to join a selection symposium held in Dresden, Germany in January 2024.

Inquiries about scientific fields can be sent to Heather Harrington harrington@mpi-cbg.de.

Questions regarding contract, compensation or benefits may be addressed to hr@mpi-cbg.de.

- *The Max Planck Society strives for gender equality and diversity. We welcome applications from all backgrounds, regardless of gender, nationality, ethnicity, sexual orientation, religion, age, and other components of identity.*
- *The Max Planck Society specifically aims to increase the proportion of women in the areas in which they are underrepresented. We therefore explicitly invite women to apply.*
- *The Max Planck Society is further committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.*
- *The Max Planck Society supports the compatibility of family and career and is certified according to the "berufundfamilie" ("job and family") audit.*
- *When you submit a job application to MPI-CBG, you are transmitting personal data. Please refer to our **privacy notice** for information on how we collect and process personal data in accordance with Art. 13 of the Datenschutz-Grundverordnung. By submitting your application you confirm that you have taken note of the information in our privacy notice.*