



Faculty of Mathematics and Natural Sciences

## Up to 14 funded PhD positions (f/m/x)

### Research Training Group (RTG) 'Template-Designed Organic Electronics – TIDE'

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The Research Training Group 'Template-Designed Organic Electronics – TIDE', funded by the DFG (Deutsche Forschungsgemeinschaft) invites for applications. TIDE is a collaborative effort by the Department of Chemistry and the Department of Physics at the Faculties of Natural Sciences at two Universities, the University of Cologne and the Rheinische Friedrich-Wilhelms-University Bonn, Germany.

We provide a unique research-oriented training program, embracing an interdisciplinary and cutting-edge research area such as Organic Electronics, including research groups from the fields of organic synthesis, surfaces & interface sciences, device physics & applications, ultrafast spectroscopy, and quantum chemical theory & modelling.

The training program is organized in cohorts over a period of 3 years. The first cohort comes to an end in March 2024, and the program for the second cohort will start in April 2024. To select highly qualified and motivated students, we organize a recruitment workshop in November 2023.

Cutting-edge research projects; please visit: <https://tide.uni-koeln.de/open-positions> for detailed information.

#### YOUR PROFILE

- » Applying candidates should have recently obtained (or be about to obtain) a M.Sc. degree (or equivalent) in Chemistry, Physics, Material Sciences or similar with excellent results. Prior knowledge of a featured topic in 'Template-Designed Organic Electronics' would be advantageous.
- » The candidates should be highly motivated and interested to work in a collaborative and highly interdisciplinary environment on state of the art research topics.

#### WE OFFER

- » Collaboration in a cohort
- » Interdisciplinary training courses
- » Three months research stay abroad (international)
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities

- » Occupational health management offers
- » Flexible working time models

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Gender Equality Act of the State of North Rhine-Westphalia (LGG NRW). We also expressly welcome people with disabilities/special needs or of equal status.

Subject to the commitment of funds, the positions are available from April 2024 on a part time basis up to 75%. The positions are limited to three years. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group TV-L 13 of the pay scale for the German public sector.

Your application should include

- a cover letter
- a motivation statement outlining up to 3 projects that you are interested in (see <https://tide.uni-koeln.de/open-positions>)
- together with short reasoning
- your CV
- copies of certificates (bachelor and master)
- a list of publications/talks/poster contributions

Please apply online (without a photo) with proof of the required qualifications under: <https://jobportal.uni-koeln.de>. The reference number is Wiss2309-12. The application deadline is 15.10.2023.

For further inquiries, please contact the RTG speaker Prof. Klaus Meerholz ([klaus.meerholz@uni-koeln.de](mailto:klaus.meerholz@uni-koeln.de)) or the Vice-Speaker Prof. Arne Lützen ([arne.luetzen@uni-bonn.de](mailto:arne.luetzen@uni-bonn.de)).