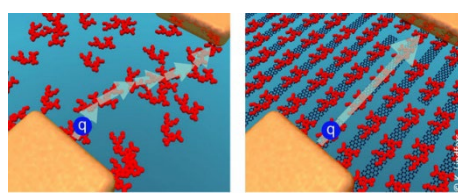
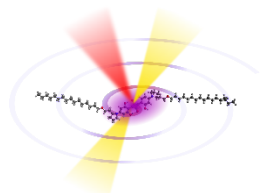


PhD position in the Optical Condensed Matter Physics group at the University of Cologne.

The [Optical Condensed Matter Physics group](#) at the [University of Cologne](#) has a fully funded open PhD position, and is looking for an excellent experimentalist interested in non-equilibrium exciton and charge dynamics in templated and self-organized organic semiconductor systems and in hybrid inorganic monolayer/organic molecule structures. The primary goal of the project is to obtain a profound understanding of the influence of structure on the dynamical properties, which serves as input toward improved device functionalities. The project makes use of a variety of state-of-the-art femtosecond spectroscopies, combined with advanced data analysis and modeling, to reveal and understand ultrafast energy, charge, and exciton transfer, conversion, and transport processes. The project is embedded in the collaborative [TIDE](#) research training group, which offers a structured PhD program and many opportunities for local, national, and international collaborations. Part of the PhD program will be an extended research stay at one of our international partner laboratories.



The successful candidate ideally has a strong background in molecular and/or solid condensed matter physics and would strongly benefit experience in ultrafast spectroscopy and/or advanced modeling. He/she is an excellent and highly motivated researcher with good communicative skills and a real team player.

Applications, including a C.V., academic record, and a motivation letter should be sent to Prof.Dr. Paul H.M. van Loosdrecht (pvl@ph2.uni-koeln.de).

For more information, please contact Prof.Dr. Paul H.M. van Loosdrecht (pvl@ph2.uni-koeln.de) or Dr. Tianyi Wang (twang@ph2.uni-koeln.de).