

Open PhD positions in Optical Condensed Matter Physics

Prof. Dr. Paul van Loosdrecht – University of Cologne



CRC 1238
Control and Dynamics
of Quantum Materials



Ever wondered what a *kitaev* spin liquid is?, if skyrmions are truly topologically protected?, or how fast one can actually change from a metallic to an insulating state?

These, and other questions are addressed in the optical condensed matter physics group at the University of Cologne, Germany.

We are currently looking for highly motivated students interested in cutting edge condensed matter research using various kinds of optical techniques, including ultrafast THz spectroscopy, white light transient absorption experiments, time resolved magneto-optics, and static and time resolved Raman scattering.

If you are interested to learn more about the current research of the optical condensed matter physics group and your possibilities please contact Paul van Loosdrecht (pvl@ph2.uni-koeln.de)
More information: www.loosdrecht.net and crc1238.uni-koeln.de.