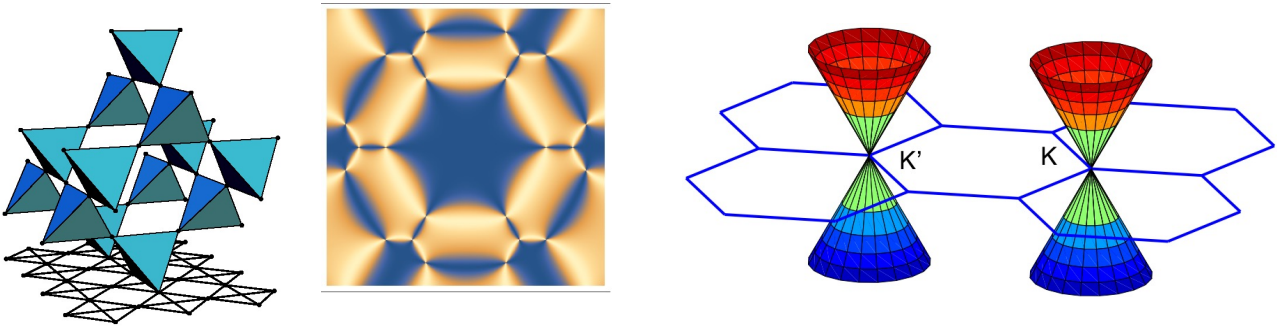


Summer Internship – 2023

in theoretical condensed matter physics



Applications are invited from exceptional **advanced undergraduate** and **Master** students for internship positions at the Max Planck Institute for the Physics of Complex Systems (MPIPKS), Dresden, Germany. Selected students will have the opportunity to interact with the members of the Condensed Matter division at the institute. Dates are flexible, duration is for a minimum of two months during Spring/Summer of 2023. MPIPKS will cover appropriate travel and subsistence costs.

During their stay, the students, under the guidance of a group member, will take part in **research at the frontiers of condensed matter theory**: strongly correlated systems (magnetism, superconductivity, quantum Hall effect, cold atoms, topological phases), quantum information and entanglement, and systems out of equilibrium. (For more information see section on research areas at: <https://www.pks.mpg.de/condensed-matter/research-areas/>). They will also get a **chance to participate in various academic activities at the institute including seminars, as well as in-house workshops and conferences**. We hope to receive all interns personally, but will consider offering virtual internships depending on the pandemic situation in 2023.

A complete **application should contain**: (1) A single PDF file containing a cover letter and a Curriculum Vitae. The CV, or a separate transcript, should contain information regarding courses and university or entrance exams taken and performance in them, (2) One or two reference letters in support of the application (independently sent to the email address given below with the subject line "**CM Summer 2023-REF-name of the student**").

Complete applications should be sent to burger@pks.mpg.de with the subject-line "CM Summer 2023" by December 2, 2022.