

Open postdoctoral position

in the Dep. of Chemical Metals Science and the REALM Group at
Max Planck Institute for Chemical Physics of Solids

One of our research efforts is targeted at the synthesis of high-quality solid-state materials. The preparation of these compounds and alloys is frequently complicated by elemental immiscibility, high melting temperatures or vapor pressures of constituent elements, coupled with other experimental constraints.

This project will use unconventional chemical synthesis techniques in order to prepare single-phase, defect-free samples of several strongly correlated systems. Most of the work will be done in-house, with several inter- and intra-departmental collaborations.

This project requires a comprehensive background in solid-state chemistry, with an emphasis on synthesis of inorganic materials. The majority of time will be spent in the specially equipped laboratory, with an opportunity to learn several sample quality as well as physical property characterization techniques.

The duration of the project is 24 months. For further details and questions please contact svanidze@cpfs.mpg.de

