Notice to Prospective Group Members

We are continuously looking for new talent, master students, graduate students, and post-doctoral fellows, with a background in chemistry, physics, chemical engineering, material science, or nanomaterials, to contribute to our research in several fields. We employ our own density functional code ParaGauss for finite systems (molecules, clusters, embedded cluster models), but we also use ab initio quantum chemistry codes as well as force field methods (molecular modelling, molecular dynamics). We treat surface and solid state problems with supercell models and modern plane-wave methods. Depending on the problem, future group members will profit from a good background in electronic structure methods, molecular dynamics, homogeneous or heterogeneous catalysis, nanomaterials, surface science, and solid state physics. Students may choose to focus on application work or participate in method and code development. For PhD or postdoc candidates, a solid knowledge of computational methods (electronic structure, quantum chemistry, or molecular dynamics) and/or of programming is required. The problems we work on are often of interdisciplinary character: thus, we emphasize team work.

If you are interested in joining our group, please contact Professor Rösch (email: jobs at theochem.tu-muenchen.de, tel.: +49 (0)89 289 13619), or directly submit your resume, stating your preferences and qualifications for any of the openings listed. Candidates with special qualifications who would like to join the group as Alexander von Humboldt (AvH) should contact Professor Rösch directly.

Former AvH fellows and awardees