Post-Doc position in The NanoSciences Group
CEMES-CNRS (Toulouse, France)

The NanoSciences group of the CEMES-CNRS in Toulouse (France) is opening now a postdoctoral research position for a year with possible extension. The group is a world leading in molecular nanoscale science and rallies the conception of molecular machines, molecular chemical synthesis, experiments with LT-UHV STM, noncontact AFM, and calculations of STM images and near field optics. It is involved in many European projects and national initiatives.

The present position is within the N3M (Multi-functions Nano-Molecular Machines) project supported by the French ANR program in close collaboration with the groups of the European Integrated Project "Pico-Inside" (www.picoinside.org). We are looking for an applicant with a very good background in the calculations of the chemisorption of a large organic molecule on metallic and/or insulating surfaces. She/he will be in charge of calculating the STM images of large molecules, to learn how to refine molecular conformation of those molecules and to improve the quantum chemistry part of the ESQC technique. A knowledge of Fortran as well as experience in computer programming are essential.

Applications including a CV and the names of two referees should be sent by email to:
Dr. Christian Joachim
GNS
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