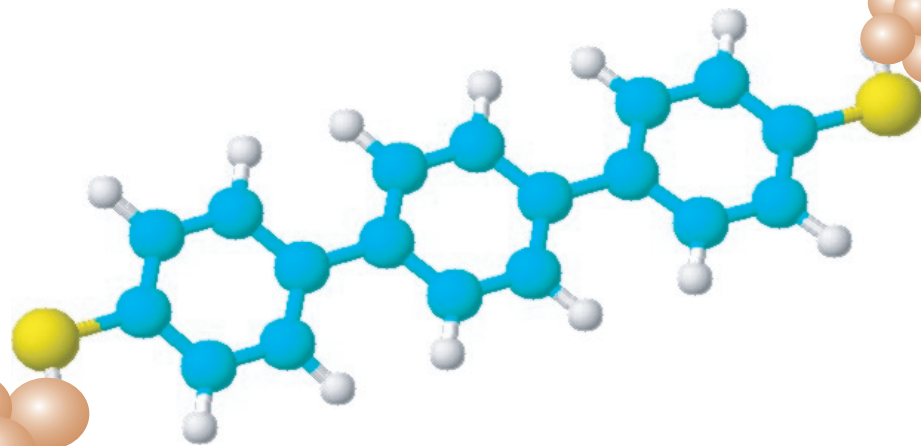




PhD Student Position in Molecular Electronics

The Nanoscale Electronics Group at IBM Research – Zurich (www.zurich.ibm.com/st/melectronics) is looking for an outstanding PhD student for a project on the investigation of charge transport through single molecules. The overall aim is to elucidate the underlying physics and to correlate chemical structure with functionality as a basis for building future molecular electronic devices.

The project is mainly experimental in nature involving electrical characterization of transport properties using low-noise measurement techniques, sample fabrication and preparation applying state-of-the-art semiconductor technologies and characterization techniques, nanoscale microscopy techniques, data analysis, etc.



Applicants are expected to have strong interest and a solid background in physics, materials science, or a related area in nanoscale science. In addition, the ideal candidate is very talented, possesses a high degree of motivation and creativity, and has excellent communications skills to work effectively in a multidisciplinary team.

The position is available starting June 2010.