

Empa – the place where innovation starts

Empa is the research institute for materials science and technology of the ETH Domain and conducts cutting-edge research for the benefit of industry and the well-being of society.

Empa's Molecular Surface Science Group (Laboratory for Nanoscale Materials Science) is focusing on new materials systems for advanced molecular technologies. We are offering a

PhD position in the field of “Surface Science”

The research project focuses on modification of surfaces with chiral molecules and the manipulation of single molecules with the scanning tunneling microscope (STM). Our lab is fully equipped with state-of-the-art investigation techniques, including scanning probe microscopies and surface spectroscopies. We are looking for a highly motivated person ready to work independently as well as with our international research team. The ideal candidate should have a masters degree in physics or chemistry. A background in ultrahigh vacuum technology or scanning probe technology is an advantage.

The position is funded for up to 4 years, the foreseen starting date is January 3rd, 2019.

For further information about the position please contact Prof. Dr. Karl-Heinz Ernst (karl-heinz.ernst@empa.ch) or visit our website www.empa.ch/mss.

We look forward to receiving your online application including a letter of motivation, CV, diplomas and transcripts and addresses of referees.

Empa, David Heusser, Human Resources, Ueberlandstrasse 129, 8600 Dübendorf, Switzerland.