PhD student position in mass spectrometry/spectroscopy of biomolecules.

A PhD student position is opened immediately for 4 years at LCPM, EPFL, Switzerland (group of Dr. O. Boyarkine, [https://lcpm.epfl.ch/page-55394.html](https://lcpm.epfl.ch/page-55394.html)). We use an unique combination of high-resolution mass spectrometry and cold ion UV/IR laser spectroscopy to study structure and dynamics of biological molecules and their microsolvated clusters in the gas phase. Recently invented by our group method of two-dimensional IR/UV-MS fingerprinting of cold biological ions focuses on analytical identification of drug molecules, peptides and sugars.

We are looking for highly motivated, curiosity driven students with solid education in experimental physics, chemical physics, computer programming; some knowledge of spectroscopy, mass spectrometry and biology is desired. A university Master degree is required.

Interested candidates should contact Dr. Oleg Boyarkine ([oleg.boiarkin@epfl.ch](mailto:oleg.boiarkin@epfl.ch)); tel.: +41 21 693 3038