



Université Claude Bernard



### **Postdoctoral position in Lyon - France**

#### **Coupling ion mobility, mass spectrometry and laser spectroscopy**

Physics and Chemistry departments of the University of Lyon are developing new approaches in mass spectrometry and laser spectroscopy for basic research on structural and optical properties of metal clusters and proteins and for analytical sciences. We are currently building a new set-up coupling ion mobility (IMS) with high resolution mass spectrometry and laser spectroscopy.

A postdoctoral position is available to implement first experiments on protein folding and aggregation. The new set-up incorporates two drift tubes, which allows for IMS-IMS measurements and dynamical studies. The candidate should have a PhD in Physics or Physical-Chemistry. A strong experience in instrument development and mass spectrometry is a requirement. Previous works in optics will be appreciated. The postdoct is expected to start on September 1<sup>st</sup> 2014. The net salary range is approximately 2000 Euros/month (~2500 brut). Applicants should send a letter of motivation, CV and the names and addresses of at least two referees to Philippe Dugourd ([philippe.dugourd@univ-lyon1.fr](mailto:philippe.dugourd@univ-lyon1.fr)).

Lyon is the second city of France, two hours from Paris. Our group is hosted in a new building at the heart of the city. It is rapidly growing with 10 mass spectrometers and various laser chains available.

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