



IONICON Analytik GmbH. is the world's leading PTR-MS company. We are a very successful and well-established SME based in Innsbruck (Austria) specialized on the development and production of extremely sensitive trace gas analyzers based on **Proton-Transfer-Reaction Mass Spectrometry (PTR-MS)**. Our high-end products are used by renowned universities, research centers, as well as international companies, who perform high-class research in an increasing number of different fields of application (from food research to homeland security).

Position for a Marie Curie Early Stage Researcher

(ESR; 36 months)

In the framework of the FP7 **Marie Curie Initial Training Network** (FP7-PEOPLE-2011-ITN) called "**Proton Ionization Molecular Mass Spectrometry - PIMMS**" we are looking for a motivated and committed Early Stage Researcher (ESR) for a 36 months fellowship.

PIMMS is a multidisciplinary and intersectoral analytical chemistry ITN with the objective to train 15 ESRs within a **collaborative academic and commercial challenging analytical research network** involving 12 full-partners and four associate partners, and with the aim of delivering research through five interlinking themes: **fundamental research and development; food sciences, environmental sciences, health sciences, and homeland security**. The research training is focused on the conduct of internationally leading analytical research projects which, whilst centered upon the development and adoption of PTR-MS as an analytical tool, will provide training across a wide variety of analytical technologies that are complementary to PTR-MS, thereby providing a broad interdisciplinary and intersectoral experience in analytical chemistry.

Requirements (see Marie Curie ESR Rules):

- Possession of a degree in natural sciences allowing to start a PhD thesis
- Less than 4 years of full-time research experience after obtaining this degree
- Didn't carry out the main activity (living/working) in Austria for more than 12 months in the last 3 years
- Not in possession of a PhD degree yet
- Take part in secondments to our project partners (0.5 to 6 month periods)



Desirable Skills:

- Capability to integrate into our young and dynamic team, but also to work independently on challenging scientific problems
- Practical experience in mass spectrometry
- Profound knowledge of ion-physics and ion-chemistry
- Experience in vacuum technology
- Manual dexterity in building up scientific setups and instrumentations
- Willingness to write publications and participate in international scientific conferences
- Creativity and flexibility

Benefits for the researcher:

- Possibility to work in a young, modern and successful SME
- Getting educated by the world's leading PTR-MS company and by the original developers of this technology
- Work in a well-equipped lab environment with the most recent PTR-MS instruments available on the market
- Close proximity to the University of Innsbruck where the researcher can do a PhD
- Highest quality of life in the beautiful Tyrol
- Fixed salary according to EU regulations.

Envisaged starting date of the employment: **Summer 2012**

We especially encourage female researchers to apply for this job offer.

If you are interested in this job offer, please contact jobs@ionicon.com and send detailed information about yourself including an up-to-date CV!