

## Job posting

### Type of position

- scientific  
 administrative

### Target group

- graduates  
 post docs  
 other

**Title** Early Stage Researcher for PTR-MS project

**Institution** 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).

**Position** 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.

**Responsibilities** 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** Please check with the official FP7 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)

Personal Requirements:

Capability to integrate in 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 at international scientific conferences  
Creativity and flexibility

**Application procedure (deadline etc.)**

We especially encourage female researchers to apply for this job offer.  
If you are interested in this job offer, please contact [jobs@ionicon.com](mailto:jobs@ionicon.com) and send detailed information about yourself including an up-to-date CV!

Envisaged starting date of the employment: Summer 2012

Deadline for application: April 30th, 2012

**Contact**

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