



06.05.2015

### Open doctoral position in Environmental Physics at the University of Innsbruck

A fully funded 3-year PhD position (30 working hours / week, equivalent to a work load of 75%) is currently available at the Ion Molecule Reactions & Environmental Physics group of the Institute of Ion Physics and Applied Physics at the University of Innsbruck, Austria (<http://www.uibk.ac.at/ionen-angewandte-physik/umwelt>).

The main research direction relates to the field of atmospheric new particle formation and chemical characterization of molecular clusters. Specifically, the research tasks include:

- characterize and update a prototype atmospheric pressure interface inlet for a high-resolution time-of-flight mass spectrometer
- participation in long-term field-measurement campaigns (1-3 months)

The envisaged work will be carried out in the framework of a highly visible project funded by the Austrian research funds (FWF). Our group offers a wide range of attractive high profile research and provides close interaction with world leading experts in this field.

Besides the necessary background in natural sciences, skills in electronics, software handling and development, and data analysis techniques are required. A background in atmospheric chemistry and / or mass spectrometry is a strong bonus.

All applications shall include **i)** CV including full academic record, **ii)** list of publications and talks including one or two reprints representative of previous research (in the absence of publications an abstract of a master thesis can be sent as well), **iii)** two letters of recommendation, **iv)** a one page motivation letter, **v)** a statement concerning the candidate's competence in English.

Applications should be sent in a single pdf file by email to Dr. Gerhard Steiner ([gerhard.steiner@uibk.ac.at](mailto:gerhard.steiner@uibk.ac.at)).

Applications are accepted as of now and the selection of candidates will continue until the position is filled.