



For the Atmosphere-Biosphere Interactions Group at the Laboratory of Atmospheric Chemistry at the Paul Scherrer institute, we are looking for a:

PhD Student

On bioaerosol identification and quantification using mass spectrometric techniques

Your tasks

- PhD thesis at ETH Zurich, Switzerland
- Perform field campaigns and apply analytical techniques with the extractive electrospray mass spectrometer and the aerosol mass spectrometer
- Statistical analyses of the data (especially source apportionment) and interpretation in the context of emission sources and ice nucleation formation
- Write and contribute to high quality peer-reviewed publications
- Support the laboratory including campaigns of other students/postdocs

Your profile

- Master degree in environmental sciences, chemistry, physics or related field
- Interest in bioaerosol measurements
- Excellent programming skills
- Very good English language skills
- Experience in mass spectrometric measurements and techniques is a plus

We offer

Our institution is based on an interdisciplinary, innovative and dynamic collaboration. You will profit from a systematic training on the job, in addition to personal development possibilities and our pronounced vocational training culture. If you wish to optimally combine work and family life or other personal interests, we are able to support you with our modern employment conditions and the on-site infrastructure.

For further information, please contact Dr Lubna Dada, email lubna.dada@psi.ch.

Please submit your application online by 30 November 2023 (a motivation letter and your CV which includes list of publications and addresses of referees) for the position as a PhD Student (index no. 5506-00).

Paul Scherrer Institut, Human Resources Management, Vanessa Mosca, 5232 Villigen PSI, Switzerland

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