



## Postdoctoral Position in wintertime Arctic aerosols chemical composition

A postdoctoral position is available at the “Laboratoire de Chimie de l’Environnement” (LCE) in Marseille (France). The position focuses on pollution studies in the framework of the international ALPACA (Alaskan Layered Pollution And Chemical Analysis) project. More information can be found at <https://alpaca.community.uaf.edu/> and <http://pacesproject.org/>.

The position will focus on aerosol and VOC sources and evolution during wintertime in Fairbanks, Alaska and will be based on analysis, including statistical methods, of high-resolution aerosol mass spectrometry (HR-ToF-AMS; Aerodyne), Charon inlet (Chemical Analysis of aerosol ON-line) and PTR-ToF-MS (Ionicon) data collected during the recent ALPACA field campaign in winter 2022.

The candidate will collaborate with scientists from the French consortium of the ANR CASPA project (Climate-relevant Aerosol Sources and Processes in the Arctic) and researchers from several American and international institutions (<https://alpaca.community.uaf.edu/wp-content/uploads/sites/758/2019/05/ALPACA-whitepaper.pdf>)

---

A Ph.D. in chemistry, atmospheric sciences, environmental engineering, or a related discipline is required. Experience with computer programming, and/or complex data analysis is necessary. Experience with mass spectrometry, aerosol instrumentation, Igor Pro or another data analysis package is also desirable. Ability to work in a team with members of our group and multiple collaborators, and to lead the writing of papers for peer-reviewed journals is essential.

To apply, please send an email describing your research interests, a CV, date of availability and a list of 4 references to Dr. Barbara D’Anna ([barbara.danna@univ-amu.fr](mailto:barbara.danna@univ-amu.fr)). The initial appointment will be for one year starting in September 2022.