

## **Postdoctoral Position in chemistry of redox flow batteries**

**In the lab of Prof. Xile Hu at EPFL**

Website: <https://lsci.epfl.ch>

(Availability: Second half of 2023).

In collaboration with an energy company, we have a project on the fundamental characterization of inorganic redox flow batteries. The project comprises a detailed chemical characterization of novel flow battery electrolytes to better understand electrolyte performance and durability as a function of system operating conditions. We are looking for a postdoctoral researcher to lead this project.

The successful candidate should have a Ph.D. in chemistry or related fields. A background in molecular or mechanistic inorganic chemistry, with some knowledge of electrochemistry (CV; redox properties) and spectroscopy (UV-Vis or Raman) is particularly welcome, although other backgrounds such as those related to redox flow batteries may suite as well. The postdoc will work in a small team that researches on various aspects on redox flow batteries. Strong communication and team-work skills are required.

The position is initially for one-year. There is possibility to extend the position for one more year pending the progress and mutual agreements.

**For all applications, please send your candidature to Prof. Hu via [xilehu@gmail.com](mailto:xilehu@gmail.com).**

Please include a CV, research interest, and names of two reference providers. In case of a large volume of applications, we can only reply to those who will be further considered for Zoom or onsite interviews. In this case if you do not hear from me within 2 weeks of initial application, please assume that you application is declined. Note that applications that do not meet the requirements stated above (e.g., necessary academic background) will not be replied.