Postdoctoral Position in the Membrane Synthesis

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 development of cation exchange membrane for redox flow batteries. We are looking for a postdoctoral researcher to lead this project. The postdoc will synthesize and modify monomers and polymers and prepare membranes, as well as test them in lab-scale redox flow batteries (5 x 25 cm²).

The successful candidate should have a Ph.D. in chemistry, chemical engineering, or materials science. They should have experience in membrane synthesis and modification. Experience in redox flow batteries or electrochemistry is a plus, but it is not required as long as the candidate is willing to learn. 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. 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 your application is declined. Note that applications that do not meet the requirements stated above (e.g., necessary academic background) will not be replied.