“Composite 2-d membranes and membrane reactors”

We are looking to hire bright and enthusiastic minds as postdoctoral researchers in the laboratory of advanced separations (LAS) for creating some very interesting research in composite 2-d membranes (graphene, MOF and zeolites, metallic membranes) and membrane reactors pertaining to hydrocarbon reforming. Briefly, we specifically seek candidates with experience in the following

1. Experience with crystallization is a must.
2. Prior experience with thin film fabrication would be a bonus
3. Should have extensive skills in material characterization
4. Prior experience with membranes would be a bonus

Candidate that have shown a good performance in PhD (publication in top journals) are will be given a priority.

Timeline: Flexible, but preferably on or before Feb 2017.

Salary: CHF 81,400/year (equivalent to USD 80000/year) or higher depending upon qualifications.

Overall Requirements:
1. The candidate should have a Ph.D. in Chemical Engineering, Chemistry, Materials Science or related subjects.
2. High level of enthusiasm and scientific curiosity. Must have motivation to work on independent projects and to learn new techniques.
3. Research experience in inorganic synthesis.
4. Proficiency in written and spoken English.

Application Procedure:
Interested candidates should send their CV, list of publications, and the contact information of at least two references to kumar.agrawal@epfl.ch.