

Postdoc Thin Film Coatings

Job Field: Research & Development

Location: Basel, CH

Company: BASF Schweiz AG

Job Type: Post-Doc

Job ID:

We are the world's leading chemical company because we offer intelligent solutions for our customers and for a sustainable future. We connect and develop people with diverse talents all over the world. For you, this means a variety of ways to advance. Not only your performance but also your personality matter to us, without regard to gender, age, origin, sexual orientation, disability or belief. At BASF, careers develop from opportunities.

As BASF's representative in Switzerland, BASF Schweiz AG plays a central role in the group. Headquartered in Basel, the company runs further sites in Kaisten, Monthey, Schweizerhalle and Zürich. BASF Schweiz AG at Basel encompasses a service platform for all BASF entities in Switzerland. Moreover, different business units are represented in Basel, like BASF Coatings.

What you can expect

As a postdoc (m/f) in the field of atomic and molecular layer deposition (ALD/MLD) you will support the team working on a major technical program in a high potential growth field for BASF coatings.

- You will perform thin film deposition of various compounds by atomic and molecular vapor deposition from the lab to the large area roll-to-roll scale.

- Proposing and managing new, functional thin film coating concept from ideation to proof of concept will be part of your work.
- You will have the possibility to manage and scientifically advise work packages with several key external R&D partners.

What we expect

- You have successfully completed your university studies with a Ph.D. in material science, physics, physical chemistry with profound expertise in thin film coating technologies such as CVD, PE-CVD, ALD, ALD/MLD, PVD and sputtering technics.
- Ideally, you have gained experience in characterization/applications of functional films for opto-electronic applications.
- You have excellent communication skills in English and German or French or Italian.
- You are a strong team player, capable of interacting within an international and intercultural global team.
- You are very organized and able to manage highly complex tasks efficiently.

We offer

From day one you will be part of the BASF family. You will get involved in challenging fields of activity and have the opportunity to work on exciting projects in an interdisciplinary environment. Depending on the location of the respective group company you will get to know BASF and participate in various workshops and guided tours. In this way you will make numerous interesting experiences and get a deep insight into the world's leading chemical company.

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