

The Erich Schmid Institute of Materials Science ([ESI](#)) of the Austrian Academy of Sciences ([OeAW](#)), Austria's leading non-university research and science institution, is offering a position as

ACADEMY SCIENTIST (F/M/X)

(full-time, 40 hours per week – tenure track option)

emphasis on **Materials Chemistry** including physical-chemistry synthesis and relevant characterization methods. Academy Scientists generally work to the specifications of advanced scientists at the institute and are involved in long-term research projects, are predominantly involved in providing science-based consulting services, and/or work closely with technicians and other group leaders in day-to-day research activities. They bring their scientific qualifications with in-depth understanding of methods and, if necessary, expand this with regard to the specific research needs of the institute.

Your tasks

- The successful candidate will be part of an international team whose research activities focus on synthesis and characterization of structure-property correlations of advanced functional materials and sustainable energy systems including battery systems, fuel cells, materials for catalysis, materials for hydrogen generation and storage, etc.
- Expand the institute's research profile into energy applications and connected fields
- Take responsibility for training new users on the various physical-chemistry synthesis devices and relevant characterization methods, trouble-shooting problems that arise upon operation of the devices, develop new experimental setups based on scientific needs and support maintenance.
- Involvement in the writing of new proposals that facilitate equipment within your responsibility and support users when necessary.
- Enhance your scientific career and the international standing of the institute, including dissemination in highly respected journals and participation in international conferences.

Your profile

- PhD in chemistry, materials sciences, physics, or equivalent, and minimum 5-years in post-doctoral research position in a similar field. Industry experience considered a plus.
- Detailed knowledge of electrochemical deposition processes onto various substrates (materials and geometries) and various materials (metals, ceramics, and/or polymers), as well as experience in surface characterization techniques.
- Ability to expand the institute's research profile into energy applications, including but not limited to: hydrogen storage, fuel cells, catalysis and battery research.
- Extensive experience working in teams and the ability to conduct independent scientific work including related publication activities and securing industrially funded projects.
- Excellent communication skills in spoken and written English and German are mandatory.

Our offer

We offer an international, ambitious environment for basic research-oriented candidates who want to perform cutting-edge research with access to world-class synthesis and characterization facilities. We have a friendly and dynamic research environment and strong collaborations with many international academic partners. The appointment begins at the earliest possible date (July 2024). We offer an annual gross salary of € 66.501,40, according to the collective agreement of the Austrian Academy of Sciences.

To apply, send 1) a max. 2-page motivation letter, 2) a max. 3-page CV that includes a list of the 5 most important publications via email to: daniela.brunner@oeaw.ac.at **no later than June 16th, 2024** to apply. The motivation letter **MUST** include two references and address all of the above points (Your Tasks and Your Profile) in some form. Evaluation of candidates will begin immediately and will continue until the position is filled. Please note that only complete applications will be processed.

Inquiries about the position should be directed to Deputy Director, Dr. Megan Cordill (via email only: megan.cordill@oeaw.ac.at).

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.