

## Open Postdoc position starting on October 1, 2025

The position is part of the DFG-funded Collaborative Research Center 1719 “ChemPrint – Next-generation printed semiconductors: Atomic-level engineering *via* molecular surface chemistry”.

Within this framework, our project “Surface chemistry on 2D materials” will explore fundamental concepts fabrication and surface chemistry of semiconducting two-dimensional materials, namely transition metal dichalcogenides ( $\text{MX}_2$ ) and V-VI semiconductors ( $\text{M}_2\text{X}_3$ ).

We are looking for an excellent and highly motivated postdoctoral researcher with a PhD in Organic Chemistry who is eager to push the boundaries between Synthetic Organic Chemistry and Materials Science. In-depth knowledge of organic synthesis and analytics is required for the design of molecular building blocks which serve as functional precursors for the growth of (hetero)structures. Starting as early as October 2025, you would work in a strongly interdisciplinary field, in close collaboration with your ChemPrint colleagues (chemists, physicists and materials scientists). Experience in the handling of nanomaterials or at least interest in 2D materials is desired.

We offer an attractive and supportive work environment: you will benefit from our expertise in the (non)covalent functionalization and characterization of 2D surfaces, built up over many years in the Hirsch group. In the past, Prof. Hirsch has mentored highly talented postdoctoral researchers, who have successfully developed their independent scientific career.

If you are interested, please send your application as a single pdf by email to [andreas.hirsch@fau.de](mailto:andreas.hirsch@fau.de) and [kathrin.knirsch@fau.de](mailto:kathrin.knirsch@fau.de) (in Cc).

