



Rupprechter Research Group - Model Catalysis and Applied Catalysis

Ausschreibung: Dissertation im Bereich Modellkatalyse und angewandte Katalyse

Opening: Ph.D. thesis in the Model Catalysis and Applied Catalysis group

We are looking for energetic individuals who are interested in understanding catalysis at the atomic level using surface science techniques. Instead of the “pour A and B into a flask, then mix” part, you will characterize surface structures and image technologically and societally important catalytic reactions taking place on these surfaces. For this, you will be using most modern equipment in the laboratories of Prof. Dr. Günther Rupprechter at the Institute of Materials Chemistry of TU Wien. We are an international team and offer excellent infrastructure for high-level research, close supervision, integration in ongoing research projects and the possibility to profit from our huge network of international cooperation partners.

A successful candidate

- Is a curious open-minded scientist fearless to tackle complex challenges
- Is driven by the desire to learn new techniques in a team
- Shows excellent problem-solving skills
- At best, has some previous experience with photoelectron spectroscopy or microscopy
- At best, does not hesitate to, at times, use a power drill or soldering iron to get things done

If you share our passion for understanding novel scientific phenomena, please apply to the position announced in the TU Wien Mitteilungsblatt from 20.04.2023.

Apply

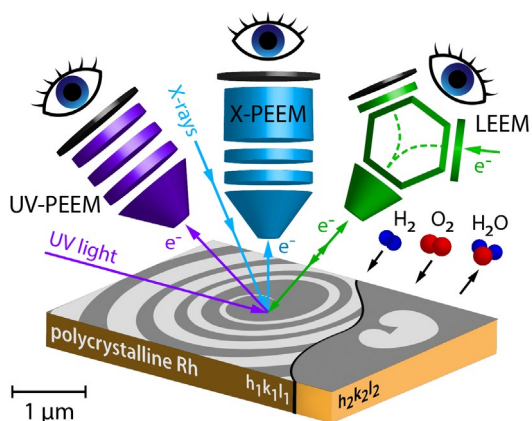
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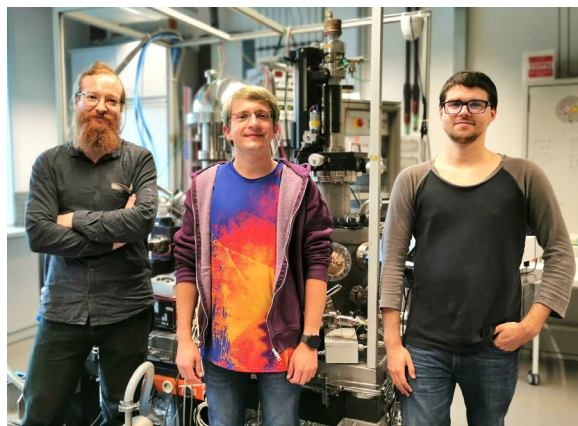
Some of our papers:



Our research in a nutshell



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