

Manipulation and Control of Spins on Functional Surfaces

Virtual DPG-Frühjahrstagung
(DPG Spring Meeting)
of the Surface Science Division

March 1st-4th, 2021

- Magnetism at the atomic level
- Coherent control of single spins
- Engineered nanostructures
- Emergence of collective phenomena



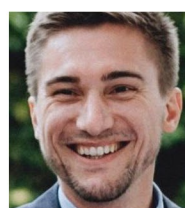
A. A. Khajetoorians

What can we "learn" from atoms?



L. Limot

Atomic-scale spin sensing with a single molecule at the apex of a scanning tunneling microscope



T. S. Seifert

Longitudinal and transverse electron paramagnetic resonance in a scanning tunnelling microscope



J. Wiebe

Artificial spin arrays on superconductor surfaces



X. Zhang

Quantum sensing and operation of single molecules on the surface

- + 4 junior invited talks
- + Focused poster session:
submission through DPG portal
- + Virtual "Meet our speakers"
and coffee breaks

