

Publikationen

Veröffentlichungen

- K.-F. Braun, S. Fölsch, G. Meyer, K.-H. Rieder, *Observation of Charge-Density Wave Domains on the Cr(110) Surface by Low-Temperature Scanning Tunneling Microscopy*, Phys. Rev. Lett. **85** (2000), 3500.
- K.-F. Braun, D. Farias, S. Fölsch, K.-H. Rieder, *Fractal Growth of LiF on Ag(111) studied by low-temperature STM*, Surf. Sci. **454-456** (2000), 750.
- D. Farias, K.-F. Braun, S. Fölsch, G. Meyer, K.-H. Rieder, *Observation of a novel nucleation mechanism at step-edges: LiF molecules on Ag(111)*, Surf. Sci. **470** (2000), L93.
- G. Meyer, J. Repp, S. Zöphel, K.-F. Braun, S. Hla, S. Fölsch, L. Bartels, F. Moresco, K.-H. Rieder, *Controlled manipulation of atoms and small molecules with a low temperature scanning tunneling microscope*, Single Molecules **1** (2000), 79.
- R. Lin, K.-F. Braun, H. Tang, U.J. Quaade, G. Meyer, F.C. Krebs, K. Stokbro, *Imaging and manipulation of a large polar molecule on Ag(111)*, Surf. Sci. **477** (2001), 198.
- K.-F. Braun, S. Zöphel, K. Schaeffer, G. Meyer, K.-H. Rieder, *Design and operation of an ultrahigh-vacuum variable temperature scanning tunneling microscope*, to be published.

- K.-F. Braun, K.-H. Rieder, *Engineering electron lifetimes in artificial atomic structures*, to be published.

Konferenzbeiträge

- Fractal growth of LiF on Ag(111) studied by low-temperature STM, K.-F. Braun, D. Farias, S. Fölsch, K.-H. Rieder, ECOSS18 in Wien, September 1999, Posterbeitrag
- Fractal growth of LiF on Ag(111) studied by low-temperature STM, K.-F. Braun, D. Farias, S. Fölsch, K.-H. Rieder, CMD 18 in Montreux, März 2000, Posterbeitrag
- Abbildung der Ladungsdichtewelle auf Cr(110) mittels Tieftemperatur-RTM, K.-F. Braun, S. Fölsch, K.-H. Rieder, Frühjahrstagung der DPG in Regensburg, März 2000, Vortrag
- Charge density wave on Cr(110) investigated by low-temperature STM and STS, K.-F. Braun, S. Fölsch, K.-H. Rieder, SPS 2000 in Hamburg, Juli 2000, Posterbeitrag