

Publications

- **H. R. Sharma**, W. Theis, P. Gille, and K. H. Rieder
Faceting of the two-fold $d\text{-Al}_{71.8}\text{Ni}_{14.8}\text{Co}_{13.4}(001\bar{1}0)$ surface studied by He diffraction
Surf. Sci. **511** (2002) 387.
- K. J. Franke, **H. R. Sharma**, W. Theis, P. Gille, Ph. Ebert, and K. H. Rieder
Quasicrystalline epitaxial monolayers grown on icosahedral AlPdMn and decagonal AlNiCo
quasicrystal surfaces, *Phys. Rev. Lett.* (in press).
- **H. R. Sharma**, K. J. Franke, W. Theis, A. Riemann, S. Fölsch, P. Gille, and K. H. Rieder
Structure and morphology of the 10-fold surface of $d\text{-Al}_{71.8}\text{Ni}_{14.8}\text{Co}_{13.4}$ (*to be published*).
- **H. R. Sharma**, K. J. Franke, W. Theis, A. Riemann, S. Fölsch, P. Gille, and K. H. Rieder
Investigation of the 2-fold $d\text{-Al}_{71.8}\text{Ni}_{14.8}\text{Co}_{13.4}(10000)$ surface by SPA-LEED and He diffraction (*to be published*).
- **H. R. Sharma**, K. J. Franke, W. Theis, P. Gille, and K. H. Rieder
Surface phonons of quasicrystals (*to be published*).

Presentations

- H. R. Sharma, W. Theis, A. Riemann, S. Fölsch, P. Gille, and K. H. Rieder
He atom scattering and SPA-LEED from the 10-fold $d\text{-Al-Ni-Co}$ surface
Joint colloquium Ex-GDR-CINQ and DPG-SPQK, Juelich, Germany, April 2000 (poster).
- H. R. Sharma[†], W. Theis, K. Franke, A. Riemann, S. Fölsch, P. Gille, and K. H. Rieder
He atom scattering and SPA-LEED from quasicrystal surfaces
SPQK-Symposium on Quasicrystalline Surfaces, Dortmund, Germany, November 2000 (oral).
- H. R. Sharma[†], K. J. Franke, W. Theis, A. Riemann, S. Fölsch, P. Gille, and K. H. Rieder
He atom scattering and SPA-LEED from low index surfaces of $d\text{-Al-Ni-Co}$
20th European Conference on Surface Science (ECOSS-20), Krakow, Poland, September 2001 (oral).

- W. Theis, H. R. Sharma, K. J. Franke, P. Gille, Ph. Ebert, and K. H. Rieder
Surface phonon dispersion of the 10-fold d -Al-Ni-Co surface
QUASICRYSTALS 2001, Sendai, Japan, September, 2001 (poster).
- H. R. Sharma, K. J. Franke, W. Theis, A. Riemann, S. Fölsch, P. Gille, and K. H. Rieder
Structure and morphology of high symmetry d -Al-Ni-Co surfaces
QUASICRYSTALS 2001, Sendai, Japan, September, 2001 (poster).
- W. Theis, H. R. Sharma[†], K. J. Franke, A. Riemann, S. Fölsch, P. Gille, and K. H. Rieder
Structure, morphology, and dynamics of high symmetry d -Al-Ni-Co surfaces
IVC-15/AVS-48/ICSS-11, San Francisco, USA, October-November, 2001 (oral). ([†]Presenter).