

# Curriculum Vitae

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## Education:

2000- Ph. D. student at the Freie Universität Berlin  
1999-2000 M. Sc. student at the Pennsylvania State University,  
State College, USA  
1996-1999 Physics student at the Christian-Albrechts-Universität Kiel  
1988-1996 Stormarnschule Ahrensburg  
1987-1988 Staatl. Neuspr. Gymnasium Lahnstein



# Publications

- N. Ferralis, M. Caragiu, K. J. Franke, and R. D. Diehl  
LEED study of the potassium-induced reconstruction of Cu(110)  
*J. Phys.: Condens. Matter* **13** 3961 (2001).
- K. J. Franke, H. R. Sharma, W. Theis, P. Gille, Ph. Ebert, and K. H. Rieder  
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*Phys. Rev. Lett.* **89** 156104 (2002).
- W. Theis, K. J. Franke, E. Rotenberg, P. Gille, and K. Horn  
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- W. Theis, E. Rotenberg, K. J. Franke, P. Gille, and K. Horn  
Electronic valence bands in decagonal Al-Ni-Co  
*Phys. Rev. B* **68** 104205 (2003).
- H. R. Sharma, K. J. Franke, W. Theis, P. Gille, and K. H. Rieder  
Low-energy surface phonons of decagonal and icosahedral quasicrystals by inelastic He-atom scattering  
*Phys. Rev. B* **68** 054205 (2003).

- H. R. Sharma, K. J. Franke, W. Theis, A. Riemann, S. Fölsch, P. Gille, and K. H. Rieder  
Investigation of the 2-fold  $d$ -Al<sub>71.8</sub>Ni<sub>14.8</sub>Co<sub>13.4</sub>(10000) surface by SPA-LEED and He diffraction (*submitted to Surf. Sci.*).