

## Publications

- U. Bovensiepen, C. Gahl, J. Stähler, M. Bockstedte, F. Baletto, S. Scandolo, X.-Y. Zhu, A. Rubio, and M. Wolf  
*A Dynamic Landscape from Femtoseconds to Minutes for Electron Solvation at Ice-Metal Interfaces.*  
submitted
- J. Stähler, M. Mehlhorn, U. Bovensiepen, M. Meyer, D. O. Kusmieriek, K. Morgenstern, M. Wolf  
*Impact of Ice Structure on Ultrafast Electron Dynamics in D<sub>2</sub>O Clusters on Cu(111)*  
Physical Review Letters, in print (2007)
- J. Stähler, U. Bovensiepen, C. Gahl, M. Wolf.  
*Competition of Heterogeneous Electron Transfer and Solvation*  
Journal of Physical Chemistry B **110**, 9637 (2006)
- U. Bovensiepen, C. Gahl, J. Stähler, P.A. Loukakos, M. Wolf  
*Femtosecond Dynamics of Electron Transfer, Localization and Solvation Processes at the Ice-Metal Interface*  
Israel Journal of Chemistry **45**, 171 (2005)
- U. Bovensiepen, C. Gahl, J. Stähler and M. Wolf  
*Ultrafast Electron Dynamics in Amorphous and Crystalline D<sub>2</sub>O Layers on Ru(001)*  
Surface Science **584**, 90 (2005)
- M. Lisowski, P. A. Loukakos, U. Bovensiepen, J. Stähler, C. Gahl, M. Wolf  
*Ultra-fast dynamics of electron thermalization, cooling and transport effects in Ru(001)*  
Applied Physics A **78**, 165 (2004)

## In Preparation:

- J. Stähler, M. Meyer, U. Bovensiepen, X.-Y. Zhu, and M. Wolf  
*Temperature Dependence of Heterogeneous Electron Transfer at Polar Molecule-Metal Interfaces*
- C. Frischkorn, D.N. Denzler, S. Wagner, C. Gahl, J. Stähler, P.A. Loukakos, U. Bovensiepen, and M. Wolf  
*Structural Implications from Vibrational and Electronic Properties of the First D<sub>2</sub>O Layers on Ru(001)*