

Scanning Probe Methods Group, Prof. Dr. Roland Wiesendanger

## Publications: Books

---

Date of issue: 2026-06-12

### **Atomic- and Nano-Scale Magnetism, Springer Series in Nano Science and Technology**

*R. Wiesendanger (ed.),*

Springer Nature Switzerland (2018), ISBN: 978-3-319-99557-1

### **Non-Contact Atomic Force Microscopy Vol. 3, Springer Series in Nano Science and Technology**

*S. Morita, F. J. Giessibl, E. Meyer, and R. Wiesendanger (eds.),*

Springer Berlin, Heidelberg (2014)

### **Non-Contact Atomic Force Microscopy Vol. 2**

*S. Morita, F. J. Giessibl, and R. Wiesendanger (eds.),*

Springer Berlin, Heidelberg (2009), ISBN: 978-3540431176

### **Competing Interactions and Patterns in Nanoworld**

*E. Y. Vedmedenko (ed.),*

Wiley, Berlin (2007), ISBN: 3-527-40484-8

### **Handbook of Magnetism and Advanced Magnetic Materials, Vol 3: Novel Techniques for Characterisation and Preparing Samples**

*R. Wiesendanger and G. Güntherodt (eds.),*

J. Willey & sons (2007)

### **Proc. 1st DVG-Symposium**

*J. Kirschner, H. Oechsner, and R. Wiesendanger (eds.),*

Springer (2004)

### **Proc. 8th European Vacuum Congress**

*A. Benninghoven, J.-J. Pireaux, R. Wiesendanger, and K. Jousten (eds.),*

Elsevier

Applied Surface Science Vol. 235 (1-2) (2004)

### **Einführung in die Struktur der Materie**

*H. Bienlein und R. Wiesendanger (ed.),*

Teubner, Stuttgart (2003), ISBN: 35190-3247-3

### **Proc. Workshop on Highlights of Research in Nano-Scale Analysis in Germany**

*R. Wiesendanger (ed.),*

Springer (2003)

### **Non-Contact Atomic Force Microscopy**

*S. Morita, R. Wiesendanger, and E. Meyer (eds.),*

Springer Berlin, Heidelberg (2002)

### **Proc. 3rd International Conference on Non-Contact Atomic Force Microscopy**

*U.D. Schwarz, H. Hölscher, and R. Wiesendanger (eds.),*

Springer (2001)

### **Proc. 2nd International Conference on Scanning Probe Spectroscopy**

*M. Getzlaff, M. Morgenstern, and R. Wiesendanger (eds.),*

Springer (2001)

### **Scanning Probe Microscopy: Analytical Methods**

*R. Wiesendanger (ed.),*

Springer Berlin, Heidelberg

Springer Series in Nano Science and Technology (1998)

**Proc. 9th International Conference on Scanning Tunneling Microscopy/Spectroscopy and Related Techniques, Vol. 1**

*J.K.H. Hörber, H. Fuchs, R.J. Behm, and R. Wiesendanger (eds.),*  
Springer Berlin, Heidelberg (1998)

**Proc. 9th International Conference on Scanning Tunneling Microscopy/ Spectroscopy and Related Techniques, Vol. 2**

*J.K.H. Hörber, H. Fuchs, R.J. Behm, and R. Wiesendanger (eds.),*  
Springer Berlin, Heidelberg (1998)

**Scanning Tunneling Microscopy III: Theory of STM and Related Scanning Probe Methods**

*R. Wiesendanger and H.-J. Güntherodt (eds.),*  
Springer Berlin, Heidelberg 1993  
Springer Series in Surface Sciences, Vol. 29, 2nd revised and enhanced edition (1996)

**Scanning Tunneling Microscopy II: Further Applications and Related Scanning Techniques**

*R. Wiesendanger and H.-J. Güntherodt (eds.),*  
Springer Berlin, Heidelberg 1992  
Springer Series in Surface Sciences, Vol. 28, 2nd revised and enhanced edition (1995)

**Scanning Tunneling Microscopy I: General Principles and Applications to Clean and Adsorbate- Covered Surfaces**

*H.-J. Güntherodt and R. Wiesendanger (eds.),*  
Springer Berlin, Heidelberg 1992  
Springer Series in Surface Sciences, Vol. 20, 2nd revised and enhanced edition (1994)

**Scanning Probe Microscopy and Spectroscopy: Methods and Applications**

*R. Wiesendanger (ed.),*  
Cambridge University Press, Cambridge (1994)