

Scanning Probe Methods Group, Prof. Dr. Roland Wiesendanger

Publications: Books

Date of issue: 2026-05-17

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)