

2011

471. WE-Seminar “Functional Magnetoelectric Oxide Heterostructures” - Dreikönigstreffen (Bad Honnef)

1. *Glavic, A.; Voigt, J.; Schubert, J.; Brückel, T.*
Magnetic order in TbMnO₃-LaCoO₃ superlattices (P)

KFN-ESS-Brainstorming-Meeting (Düsseldorf)

2. Workpackage 11: “Spectroscopy” (V)

Neutronenpraktikum (FZ, Jülich)

3. Applications of neutron scattering - an overview (V)
4. Introduction: Neutron Scattering in Contemporary Research (V)

PNI Workshop Magnetism (Berlin)

5. “Magnetism Research” at the Jülich Centre for Neutron Science (V)

2010

European Crvstallographic Meeting (Darmstadt)

6. *Disch, S.; Wetterskog, E.*; Salazar-Alvarez, G.*; Hermann, R.; Bergström, L.*; Brückel, T.*
Oriented supercrystals of anisotropic iron oxide nanoparticles Oriented supercrystals of anisotropic iron oxide nanoparticles (P)

FRM II User Meeting (Garching)

7. *Su, Y.; Schweika, W.; Mittal, R.; Borghols, W.; Ioffe, A.; Brückel, T.*
DNS – A diffuse neutron scattering spectrometer with polarization analysis at FRM II (P)

JCNS Workshop “Trends and Perspectives in Neutron Scattering: Magnetism and Correlated Electron Systems” (Bernried)

8. *Su, Y.; Schweika, W.; Mittal, R.; Borghols, W.; Ioffe, A.; Brückel, T.*
DNS – A diffuse neutron scattering spectrometer with polarization analysis at FRM II (P)

Neutronenpraktikum des Institut für Festkörperforschung (FZ, Jülich)

9. Applications of neutron scattering (V)
10. Correlated electrons (V)

Neutrons for Global Energy Solutions (Bonn)

11. *Disch, S.; Wetterskog, E.*; Hermann, R.; Bergström, L.*; Brückel, Th.*
Magnetization distribution in iron oxide nanoparticles (P)
12. *Price, S.; Su, Y.; Xiao, Y.; Nandi, S.; Brückel, Th.*
Magnetic neutron scattering on iron arsenide high TC superconductors (P)
13. *Xiao, Y.; Su, Y.; Meven, M.*; Price, S.; Thamizhavel, A.*; Brückel, Th.*
Magnetic structure of EuFe₂As₂ determined by single crystal neutron diffractionmanagement (P)
14. *Voigt, J.; Nemkovskiy, K.; Babcock, E.; Brückel, Th.*
TOPAS, the new JCNS time-of-flight spectrometer at FRM II (P)

2009

International Conference on Neutron Scattering (Knoxville, USA)

15. *Brückel, T.; Voigt, J.; Ioffe, A.; Manoshin, S.*
Diffractionmeter for non-equilibrium states of condensed matter (P)
16. *Houben, A.*; Schweika, W.; Walter, J.*; Hansen, B. T.*; Brückel, T.; Dronkowski, R.**
POWTEX - The new high-intensity neutron TOF diffractometer at the Munich Research Reactor (P)
17. *Mittal, R.; Pintschovius, L.*; Lamago, D.*; Heid, R.*; Bohnen, K.-P.*; Reznik, D.*; Chaplot, S. L.*; Su, Y.; Kumar, N.; Dhar, S. K.*; Thamizhavel, A.*; Brückel, T.*
Anomalous phonons in CaFe₂As₂ explored by inelastic neutron scattering (V)
18. *Schmalzl, K.; Schmidt, W.; Raymond, S.*; Feilbach, H.; Bussmann, K.; Brückel, T.*
IN12: The cold neutron three axis spectrometer at the ILL (P)
19. *Schmidt, W.; Andersen, K. H.; Bigault, T.; Brückel, T.*
A polarizing guide for the upgraded IN12 spectrometer (V)

JCNS Workshop “OFF-Spec” 2009 (Feldafing)

20. *Josten, E.; Rücker, U.; Gilles, S.; Brückel, T.*
Magnetic correlations in laterally structured multilayers (P)
21. *Korolkov, D.; Willner, L.; Busch, P.; Kentzinger, E.; Mattauch, S.; Brückel, T.*
The analysis of self-organized nanostructures with Grazing Incidence Small Angle Scattering (V)
22. *Mattauch, S.; Rücker, U.; Korolkov, D.; Babcock, E.; Ioffe, A.; Brückel, T.*
The new high flux polarised neutron reflectometer MARIA at JCNS (V)
23. *Pfuhl, E.; Voigt, J.; Mattauch, S.; Korolkov, D.; Brückel, T.*
Proximity effects in Er/Tb multilayers (P)

Neutronenpraktikum des Institut für Festkörperforschung (FZ, Jülich)

24. A neutron primer (V)
25. Applications of neutron scattering (V)
26. Correlated electrons (V)
27. Welcome (V)

Polarized Neutrons and Synchrotron X-rays for Magnetism (Bonn, Germany)

28. *Brückel, T.; Voigt, J.; Ioffe, A.; Manoshin, S.*
Diffractionmeter for non-equilibrium states of condensed matter (P)
29. *Disch, S.; Hermann, R.; Sager, W.; Brückel, T.*
Not so small angle scattering with polarization analysis: Towards the magnetic form factor of nanoparticles (P)
30. *de Groot, J.; Kentzinger, E.; Voigt, J.; Goukassov, A.*; Gillon, B.*; Brückel, T.*
Magnetization density in TbMnO₃ single crystals (P)
31. *Herrero-Martin, J.*; Paolasini, L.*; Mazzoli, C.*; Scagnoli, V.*; Mittal, R.; Brückel, T.; Su, Y.*
Study of magnetic correlations on the iron pnictide EuFe₂As₂ by RXS (P)
32. *Josten, E.; Rücker, U.; Brückel, T.*
Magnetic correlations in laterally patterned magnetic multilayers (P)
33. *Kentzinger, E.; Mattauch, S.; Korolkov, D.; Rücker, U.; Ioffe, A.; Toperverg, B.; Brückel, T.*
Probing lateral correlations in magnetic nanostructures by polarized neutron scattering under grazing incidence (P)
34. *Kumar, C. M. N.; Xiao, Y.; Su, Y.; Perfö, J.; Brückel, T.*
Magnetic structure of hexagonal DyMnO₃ (P)

35. *Mattauch, S.; Rücker, U.; Fracassi, V.; Schmitz, R.; Daemen, J.; Babcock, E.; Ioffe, A.; Brückel, T.*
MARIA - The new high-intensity polarized neutron reflectometer of JCNS (P)
36. *Pfuhl, E.; Voigt, J.; Brückel, T.*
Proximity effects in Er/Tb multilayers (P)
37. *Rücker, U.; Toperverg, B.*; Ott, F.*; Brückel, T.*
Zeeman splitting revisited - polarized neutron reflectivity in high magnetic fields (P)
38. *Schumacher, D.; Mattauch, S.; Rücker, U.; Brückel, T.*
2-Dimensional magnetism of Fe-Monolayers in Pd (P)
39. *Su, Y.; Schweika, W.; Mittal, R.; Harbott, P.; Küssel, E.; Bussmann, K.; Gossen, F.; Schmitz, B.; Skrobucha, M.; Möller, R.; Wagener, M.; Drochner, M.; Kleines, H.; Ioffe, A.; Brückel, T.*
DNS-Diffuse neutron scattering with polarization analysis (P)
40. *Xiao, Y.; Su, Y.; Kumar, C. M. N.; Li, H.-F.; Mittal, R.; Perßon, J.; Senyshyn, A.*; Gross, K.; Brückel, T.*
Magnetic structure and orbital ordering in KCrF₃
41. *Voigt, J.; Babcock, E.; Brückel, T.*
Polarisation analysis for thermal time-of-flight spectroscopy (P)

2008

American Conference on Neutron Scattering (Santa Fe, USA)

42. *Brückel, T.; Voigt, J.; Kentzinger, E.; Rücker, U.*
Competing interactions and magnetic order in [Er/Tb] multilayers (P)

Deutsche Neutronenstreutagung (Garching)

43. *Houben, A.*; Schweika, W.; Walter, J.*; Conrad, H.; Klein, H.*; Leiss, B.*; Müller, P.*; Sowa, H.*; Voigt, J.; Hansen, B. T.*; Brückel, Th.; Dronskowski, R.**
POWTEX – The new High-Intensity Neutron TOF Diffractometer at FRM II (P)

International Workshop on Polarized Neutrons in Condensed Matter Investigations, PNCMI (Tokai, Japan)

44. *Chang, L. J.*; Su, Y.; Schweika, W.; Brückel, T.; Chen, Y. Y.*; Jang, D. S.*; Liu, R. S.**
Neutron Polarization Analysis On The Multiferroic TbMn₂O₅ (P)
45. *Lee, C.-H.*; Chang, H.-H.*; Su, H.-C.*; Wu, Y.-H.*; Hu, C.-W.*; Chang, L. J.*; Ioffe, A.; Bussmann, K.; Brückel, T.*
Neutron Depolarization Study on the Magnetic Correlation Lengths of Nickel Ferrite with Different Packing Densities (P)
46. *Voigt, J.; Prager, M.; Bussmann, K.; Kämmerling, H.; Heynen, A.; Brückel, T.*
TOPAS, the future thermal time-of-flight spectrometer at the FRM II (P)

POWTEX-Workshop (RWTH, Aachen)

47. Intention des Flugzeitneutronendiffraktometers POWTEX: Anwendungen Physik (V)

2007

ECNS (Lund, Schweden)

48. *Busch, P.; Kentzinger, E.; Mattauch, S.; Frielinghaus, H.; Rücker, U.; Ioffe, A.; Brückel, T.; Richter, D.*
Specular and off-specular scattering for the investigation of thin nanostructured films at the new high flux reactor FRM II (P)
49. *Conrad, H.; Brückel, T.; Schweika, W.; Dronskowski, R.*; Müller, P.*; Houben, A.**
POWTEX - the high intensity time-of-flight powder diffractometer for FRM II (P)
50. *Kentzinger, E.; Frielinghaus, H.; Rücker, U.; Ioffe, A.; Richter, D.; Brückel, T.*
Probing nanoscale lateral correlations in magnetic nanostructures by polarized GISANS (P)
51. *Paul, A.; Brückel, T.; Kentzinger, E.; Rücker, U.*
Magnetization reversal with variation of anisotropy energies in exchange biased system (P)

Ferienschule des Institut für Festkörperforschung (FZ, Jülich)

52. Atomic and magnetic structures in crystalline materials: neutron and x-ray scattering (V)

Midterm Evaluation "Condensed Matter Physics, PNI and Nanoelectronics" (FZ, Jülich)

53. HGF-Program "Large Scale Facilities for Research with Photons, Neutrons and Ions"; PNI Helmholtz Field "Structure of Matter" (V)
54. *Conrad, H.; Brückel, T.; Schweika, W.; Dronskowski, R.*; Müller, P.*; Houben, A.**
POWTEX - the high intensity time-of-flight powder diffractometer for FRM II (P)
55. *Mattauch, S.; Rücker, U.; Ioffe, A.; Brückel, T.; Fracassi, V.; Schmitz, R.; Kleines, H.; Suxdorf, F.; Kämmerling, P.*
MARIA; the new reflectometer of JCNS dedicated to magnetism and nanostructures (P)
56. *Su, Y.; Schweika, W.; Küssel, E.; Gossen, F.; Schmitz, B.; Bussmann, K.; Mittal, R.; Skrobucha, M.; Möller, R.; Wagener, M.; Ioffe, A.; Brückel, T.*
DNS - A versatile multi-detector time-of-flight spectrometer with polarization analysis (P)
57. *Voigt, J.; Prager, M.; Kämmerling, H.; Heynen, A.; Vehres, G.; Brückel, T.*
TOPAS, the new thermal time-of-flight spectrometer with polarisation analysis (P)

Neutronenpraktikum des Institut für Festkörperforschung (FZ, Jülich)

58. A neutron primer (V)
59. Applications of neutron scattering (V)
60. Correlated electrons (V)

Neutronenstrahlen für angewandte Forschung im Bereich Materialentwicklung und Werkstofftechnik (RWTH, Aachen)

61. Jülich Centre for Neutron Science (P)

2006

Heraeus-Seminar: Nanoscale Magnets - Top down meets bottom up (Bad Honnef)

62. *Feyngenson, M.; Pollmeier, K.; Sager, W.; Paul, A.; Brückel, T.*
Cobalt nanoparticles synthesized in water-in-oil microemulsion (P)
63. *Kentzinger, E.; Rücker, U.; Frielinghaus, H.; Toperverg, B.; Ott, F.*; Brückel, Th.*
Depth-resolved investigation of structural and magnetic correlations in multilayers: From micrometer down to nanometer length scales (P)
64. *Korolkov, D.; Willner, L.; Schlachter, A.*; Kentzinger, E.; Frielinghaus, H.; Paul, A.; Brückel, Th.*
Nanostructure fabrication using diblock-copolymers (P)

HGF-Workshop "Condensed Matter" (FZJ)

65. *Conrad, H.; Brückel, T.; Bussmann, K.; Chang, L.-J.; Ioffe, A.; Küssel, E.; Mueller, R.; Schmitz, B.*
A New Thermal Neutron Spectrometer/Diffractometer (SV30) with Polarization Analysis at the Research Reactor FRJ-2 (P)
66. *Paul, A.; Kentzinger, E.; Rücker, U.; Bürgler, D.; Brückel, T.*
Field-dependent magnetic domain structure in antiferromagnetically coupled multilayers by polarized neutron scattering (P)
67. *Paul, A.; Kentzinger, E.; Rücker, U.; Brückel, T.*
Magnetization Reversal in Exchange Biased Multilayers with Field Direction (P)

68. Paul, A.; Kentzinger, E.; Rücker, U.; Brückel, T.
Symmetry and Asymmetry during Magnetization Reversal in Exchange Biased Multilayers and Bilayers (P)
69. Voigt, J.; Kentzinger, E.; Paul, A.; Rücker, U.; Brückel, T.
Competing magnetic order in [Er/Tb] superlattices (P)

ICMFS (Sendai, Japan)

70. Brückel, T.; Kentzinger, E.; Paul, A.; Rücker, U.
Lateral magnetic correlations in nanostructures (P)

ICM (Kyoto, Japan)

71. Brückel, T.; Kentzinger, E.; Paul, A.; Rücker, U.
Lateral magnetic correlations in nanostructures (P)

JCNS Symposium and European User Meeting (FZJ)

72. Magnetism at JCNS (V)
73. Bedanta, S.*; Petravic, O.*; Chen, X.*; Kleemann, W.*; Sahoo, S.*; Kentzinger, E.; Rücker, U.; Paul, A.; Brückel, T.; Cardoso, S.*; Freitas, P.*
From modified superparamagnetism to collective magnetic states of ferromagnetic nanoparticles in the superspin limit (P)
74. Conrad, H.; Brückel, T.; Bussmann, K.; Küssel, E.; Schmitz, B.
A new thermal neutron spectrometer/diffractometer with polarization analysis at the research reactor FRJ-2 (P)
75. Feyngenson, M.; Pollmeier, K.; Sager, W.; Paul, A.; Brückel, T.
Cobalt nanoparticles synthesized in water-in-oil microemulsion (P)
76. Gorelik, E.; Li, H.; Perßon, J.; Ioffe, A.; Brückel, T.
Highly doped complex manganites of rare-earth (P)
77. Korolov, D.; Willner, L.; Schlachter, A.*; Kentzinger, E.; Frielinghaus, H.; Farle, M.*; Paul, A.; Brückel, T.
Nanostructure Fabrication Using Diblock-Copolymers (P)
78. Mattauch, S.; Rücker, U.; Kentzinger, E.; Brückel, T.
The new reflectometer of the JCNS at the FRM II (P)
79. Rücker, U.; Mattauch, S.; Ioffe, A.; Brückel, T.; Borchert, G.*
TREF@NoSpec - Beamline for Polarized Neutron Reflectometry and Characterization of Neutron Optical Devices (P)
80. Schweika, W.; Su, Y.; Küssel, E.; Skrobucha, M.; Brückel, T.
The new DNS at Munich: a cold time-of-flight spectrometer for diffuse neutron scattering with full polarisation analysis (P)
81. Su, Y.; Perßon, J.; Meuffels, P.; Brückel, Th.
Investigation on structure and magnetic properties of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ (P)
82. Su, Y.; Schweika, W.; Perßon, J.; Brückel, T.
Unusual spin-wave excitations in "1/8"-doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ (P)
83. Paul, A.; Kentzinger, E.; Rücker, U.; Brückel, T.
Magnetization Reversal in Exchange Biased Multilayers with Field Direction (P)
84. Paul, A.; Kentzinger, E.; Rücker, U.; Bürgler, D.; Brückel, T.
Field-dependent magnetic domain structure in antiferromagnetically coupled multilayers by polarized neutron scattering (P)
85. Paul, A.; Kentzinger, E.; Rücker, U.; Brückel, T.
Symmetry and Asymmetry during Magnetization Reversal in Exchange Biased Multilayers and Bilayers (P)
86. Voigt, J.; Prager, M.; Ioffe, A.; Brückel, T.
TOPAS, the Thermal time-of-flight spectrometer with Polarization analysis (P)

Neutronenpraktikum des Institut für Festkörperforschung (FZJ, Jülich)

87. Elastic Scattering from Many Body Systems (V)
88. Magnetism (V)
89. Properties of the neutron, elementary scattering processes (V)

PNCMI (Berlin)

90. Bedanta, S.*; Kentzinger, E.; Petravic, O.*; Kleemann, W.*; Rücker, U.; Paul, A.; Brückel, T.; Cardoso, S.*; Freitas, P. P.*
Polarized Neutron Reflectivity Studies on Discontinuous Metal Insulator Multilayers (P)
91. Kozhevnikov, S. V.*; Ott, F.*; Kentzinger, E.; Paul, A.
Enhanced off-specular scattering in magnetic neutron wave-guides (P)
92. Paul, A.; Braak, H.; Rata, D.; Schreiber, R.; Bürgler, D.; Grünberg, P.; Schneider, C. M.; Brückel, T.
Polarized Neutron Reflectivity of Dilute Magnetic Semiconductor Multilayers (P)
93. Paul, A.; Kentzinger, E.; Rücker, U.; Brückel, T.
Magnetization Reversal with Variation of the Ratio of the Anisotropy Energies in Exchange Bias Systems (P)

Wissenschaftlicher Programmbeirat „Kondensierte Materie, PNI und Nanoelektronik“ (FZJ)

94. Large Scale Facilities for Research with Photons, Neutrons and Ions PNI - from FRJ-2 to JCNS (V)
95. Braak, H.; Paul, A.; Rata, A. D.; Schreiber, R.; Bürgler, D.; Grünberg, P.; Brückel, T.; Schneider, C. M.
Investigation of dilute magnetic semiconductor multilayers with polarised neutron reflectivity (P)
96. Li, H.; Perßon, J.; Meuffels, P.; Walter, J.; Skowronek, R.; Brückel, T.
Synthesis and complex phenomena in metal oxides (P)
97. Paul, A.; Kentzinger, E.; Rücker, U.; Brückel, T.; Bürgler, D.; Grünberg, P.
Polarized neutron scattering in magnetic multilayers (P)
98. Schweika, W.; Su, Y.; Küssel, E.; Bussmann, K.; Skrobucha, M.; Gossen, F.; Brückel, T.
The new DNS at FRM II Munich - diffuse neutron scattering (P)
99. Su, Y.; Li, H.; Nefedov, A.*; Zabel, H.*; Claessen, R.*; Wermeille, D.*; Perßon, J.; Schweika, W.; Brabers, V. A. M.*; Brückel, T.
Charge/orbital ordering in magnetite (P)

2005

CONTENT (ILL, Grenoble)

100. Voigt, J.; Prager, M.; Ioffe, A.; Brückel, Th.
Concept for a new thermal tof spectrometer with polarisation analysis TOPAS @ FRM II (P)

DPG-Tagung (Berlin)

101. Paul, A.; Kentzinger, E.; Rücker, U.; Brückel, Th.
Magnetisation reversal in exchange biased multilayers with field direction (P)

ICNS (Sydney, Australien)

102. Layer Resolved Magnetic Correlations in Nanostructures (V)

Ferienschule des Institut für Festkörperforschung (FZJ, Jülich)

103. Scattering Techniques II: SR Diffraction (V)

Neutronenpraktikum des Institut für Festkörperforschung (FZJ, Jülich)

104. Elastic Scattering from Many Body Systems (V)
105. Magnetism (V)
106. Properties of the neutron, elementary scattering processes (V)

2004

DN: Deutsche Neutronenstreutagung (Dresden)

107. *Bedanta, S.*; Petravic, O.*; Kleemann, W.*; Kentzinger, E.; Rücker, U.; Paul, A.; Brückel, Th.; Cardoso, S.*; Freitas, P. P.**
Polarized Neutron Reflectivity Studies on Discontinuous Metal Insulator Multilayers (P)
108. Perspektiven der Forschung mit Neutronen in Deutschland (V)
109. *Chang, L. J.; Schäfer, W.*; Jansen, E.*; Prager, M.; Emmanuelle, S.*; Monkenbusch, M.; Schweika, W.; Perßon, J.; Brückel, Th.*
Neutron Scattering Studies on Pyrochlore $\text{Ho}_2\text{Ru}_2\text{O}_7$ (P)
110. *Conrad, H.; Brückel, Th.; Bussmann, K.; Chang, L.-J.; Ioffe, A.; Küssel, E.; Mueller, R.; Schmitz, B.*
A New Thermal Neutron Spectrometer / Diffractometer (SV-30) with Polarisation Analysis at the Research Reactor FRJ-2
111. *Feyngenson, M.; Ziegenhagen, N.; Rücker, U.; Kentzinger, E.; Toperverg, B.; Brückel, Th.*
X-ray and neutron scattering investigation of a laterally structured magnetic multilayer (P)
112. *Kentzinger, E.; Rücker, U.; Toperverg, B.; Ott, F.*; Brückel, Th.*
Layer-by-layer Investigation of the Magnetic Fluctuations in Polarizing Supermirrors (P)
113. *Korolkov, D.; Willner, L.; Kentzinger, E.; Frielinghaus, H.; Busch, P.*; Paul, A.; Rücker, U.; Brückel, Th.*
Grazing Incidence Small Angle Neutron Scattering from dPS-PB diblock copolymer films (P)

Neutronenpraktikum des Institut für Festkörperforschung (FZJ, Jülich)

114. Properties of the Neutron Elementary Scattering Processes; Elastic Scattering from Many Body Systems (V)
115. Magnetism (V)

2003

ECNS: 3rd European Conference on Neutron Scattering (Montpellier, France)

116. *Chang, L.-J.; Mueller, R.; Appelt, S.*; Häsing, F. W.*; Ioffe, A.; Brückel, Th.*
Progress of ^3He spin-exchange for neutron polarization in Jülich (P)
117. *Ioffe, A.; Bussmann, K.; Dohmen, L.; Axelrod, L.*; Gordeev, G.*; Brückel, Th.*
LAP-ND: a new neutron depolarization setup at FRJ-2 (P)
118. *Kentzinger, E.; Dohmen, L.; Alefeld, B.; Rücker, U.; Stellbrink, J.*; Ioffe, A.; Richter, D.*; Brückel, Th.*
KWS-3, the New Focusing-Mirror Small Angle Neutron Scattering Instrument and Reflectometer at Jülich (P)
119. *Massalovich, S.; Ioffe, A.; Schlapp, M.; von Seggern, H.*; Küssel, E.; Brückel, Th.*
Development of low γ -sensitive neutron image plate detector at FZ Jülich (P)
120. *Rücker, U.; Feyngenson, M.; Toperverg, B.; Kentzinger, E.; Dalgliesh, R.*; Brückel, Th.*
Neutron quantum well states used to increase the sensitivity for magnetic disorder (P)
121. *Ziegenhagen, N.; Rücker, U.; Kentzinger, E.; Toperverg, B.; Lehmann, R.*; van der Hart, A.*; Brückel, Th.*
Determination of the Magnetic Properties of a Laterally Structured Fe/Cr multilayer (V)

ICANS-XVI: 16th Meeting of the Int. Collaboration on Advanced Neutron Sources (Convention Center, Neuss)

122. *Kentzinger, E.; Dohmen, L.; Alefeld, B.; Rücker, U.; Stellbrink, J.; Richter, D.; Brückel, Th.*
KWS-3, the New Focusing Mirror USANS Instrument at Jülich (P)
123. *Rücker, U.; Ioffe, A.; Kentzinger, E.; Brückel, Th.*
Polarized Neutron Reflectometer for magnetoelectronic devices to be realized at a long pulse spallation source (P)

ICM: International Conference on Magnetism (Rom, Italien)

124. *Su, Y.; Istomin, K.; Wermeille, D.*; Fattah, A.; Foucart, P.; Meuffels, P.*; Hupfeld, D.; Brückel, Th.*
Re-examination of charge and orbital ordering in lightly doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ by X-ray scattering (P)

Informationstagung aus Anlaß der 18. Sitzung des Wissenschaftlichen Beirats

125. *Alefeld, B.; Conrad, H.; Dohmen, L.; Ioffe, A.; Kentzinger, E.; Küssel, E.; Rücker, U.; Brückel, Th.*
New Neutron Scattering Instrumentation at FRJ-2 (P)
126. *Rücker, U.; Toperverg, B.; Kentzinger, E.; Brückel, Th.; Dalgliesh, R.**
Offspecular Neutron Scattering from thin films: Comparing HADAS@DIDO and CRISP@ISIS (P)
127. *Schweika, W.; Brückel, Th.; Maleyev, S. V.*; Plakhty, V. P.*; Regnault, L.-P.**
Longitudinal Spin Fluctuations in 3D-Antiferromagnets (P)
128. *Su, Y.; Istomin, K.; Wermeille, D.*; Hupfeld, D.; Fattah, A.; Foucart, P.; Meuffels, P.; Brückel, Th.*
X-ray scattering studies of charge/orbital ordering in lightly doped manganites (P)
129. *Ziegenhagen, N.; Rücker, U.; Kentzinger, E.; Lehmann, R.*; van der Hart, A.*; Toperverg, B.; Brückel, Th.*
Magnetic domains in a laterally structured Fe/Cr multilayer (P)

PNSXM: Polarised Neutrons and Synchrotron X-rays for Magnetism (Venedig, Italien)

130. *Kentzinger, E.; Breidbach, M.*; Bürgler, D. E.*; Dürr, H. A.*; Mertins, H. C.*; Grünberg, P.*; Brückel, Th.*
Resonant X-ray Scattering Investigation of the Interfacial Chemical Structure and the Magnetization Density Profile in Epitaxial Fe/Cr/Fe Trilayers Exhibiting the GMR Effect (P)
131. *Su, Y.; Schweika, W.; Istomin, K.; Wermeille, D.*; Hupfeld, D.; Fattah, A.; Foucart, P.; Brückel, Th.*
Investigations of lightly doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ with polarized neutrons and synchrotron X-rays (P)

Workshop BMBF - KFN zur Verbundförderung 2004 - 2007

132. Forschung mit Neutronen - Was leistet die Verbundförderung heute? (V)

2002

Beirats-Informativveranstaltung (FZJ, Jülich)

133. Das Institut für Streumethoden (V)

ESS-Konferenz (Bonn)

134. *Alefeld, B.; Conrad, H.; Dohmen, L.; Ioffe, A.; Kentzinger, E.; Küssel, E.; Prager, M.; Rücker, U.; Vehres, G.*
Instrument Modernisation Program at the FRJ-2 Reactor (P)
135. *Dohmen L.; Alefeld B.; Kentzinger E.; Rücker U.; Stellbrink J.; Ioffe A.; Springer T.; Richter D.; Brückel Th.; Drochner M.; Engels R.; Kleines H.; Suxdorf F.; Zwoll K.*
A High Resolution Small Angle Neutron Scattering Instrument and Reflectometer with Focusing Mirror (KWS3) at Jülich (P)
136. *Massalovich S.; Ioffe A.; Küssel E.; Brückel Th.; Schlapp M.; von Seggern H.*
The optimization of neutron image plate detector with low gamma-sensitivity (P)
137. *Massalovich, S.; Ioffe, A.; Schlapp, M.; von Seggern, H.I.; Küssel, E.; Brückel, Th.*
Low gamma-sensitive neutron image plate detector (V)
138. *Rücker, U.; Toperverg, B.; Kentzinger, E.; Brückel, Th.*
Resonant states in a ferromagnetic quantum well for neutrons (P)
139. *Su, Y.; Istomin, K.; Schweika, W.; Foucart, P.; Fattah, M.; Meuffels, P.; Brückel, Th.; Kaiser, V.*
Polarization analysis of diffuse neutron scattering in lightly doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ single crystals (P)
140. *Voigt J.; Kentzinger E.; Rücker U.; Schweika W.; Brückel Th.*
Magnetic Structures and Phase Transitions in [Er-Tb] Superlattices (P)

141. Ziegenhagen N.; Rücker U.; Kentzinger E.; Lehmann R.; van der Hart A.; Toperverg B.; Brückel Th.
Magnetic Properties of Laterally Structured Fe/Cr Multilayers (P)

Ferienschule des Institut für Festkörperforschung (FZJ, Jülich)

142. Scattering (V)

First Summer School on Polarised Neutron Scattering (FZJ, Jülich)

143. Introduction to Polarised Neutron Scattering (V)

144. Magnetic X-Ray and Polarised Neutron Scattering (V)

HGF-Workshop "Kondensierte Materie" (FZJ, Jülich)

145. Istomin, K.; Su, Y.; Fattah, M.; Foucart, P.; Hupfeld, D.; Seeck, O.; Brückel, Th.
Reexamination of the charge/orbital ordering in lightly doped LaSrMnO by synchrotron X-ray scattering methods (P)

146. Su, Y.; Schweika, W.; Istomin, K.; Fattah, M.; Foucart, P.; Brückel, Th.

Polarized neutron scattering from magnetic and structural correlations in lightly doped LaSrMnO single crystals (P)

147. Voigt, J.; Rücker, U.; Kentzinger, E.; Toperverg, B.; Brückel, Th.

Von Domänen und Grenzflächen: Diffuse Streuung nahe der Totalreflexion an [Er/Tb] Schichtsystemen (P)

Neutronenpraktikum des Institut für Festkörperforschung (FZJ, Jülich)

148. Elastic scattering from many-body systems (V)

149. Magnetism (V)

Workshop on Polarised Neutrons in Condensed Matter Investigations (FZJ, Jülich)

150. Kentzinger, E.; Rücker, U.; Toperverg, B.; Brückel, Th.

Determination of the magnetic fluctuations in a Fe/Cr/Fe trilayer exhibiting a neutron resonance state

151. Kentzinger, E.; Toperverg, B.; Rücker, U.; Brückel, Th.

Simulation of Reflectivity and Off-Specular Scattering of Polarised Neutrons from Laterally Patterned Magnetic Multilayers

152. Mueller, R.; Chang, L. J.; Appelt, St.; Haesing, W.; Horriar-Esser, Ch.; Ioffe, A.; Brückel, Th.

Progress in the production of polarised ^3He in Jülich

153. Su, Y.; Istomin, K.; Schweika, W.; Fattah, M.; Foucart, P.; Meuffels, P.; Brückel, Th.; Kaiser, V.*

Polarisation analysis of diffuse neutron scattering from lightly doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ single crystals

2001

Deutsche Neutronenstreutagung (FZJ, Jülich)

154. Hupfeld, D.; Brückel, Th.; Schweika, W.; Stempffer, J.; Mattenberger, K.; McIntyre, G.

Investigation of the magnetic properties of $\text{Gd}_x\text{Eu}_{1-x}\text{S}$ with neutrons and x-rays (P)

155. Ioffe, A.; Conrad, H.; Zeiske, Th.; Mueller, R.; Küssel, E.; Massalovitch, S.; Schlapp, M.; Schmitz, B.; Brückel, Th.

Spektrometer SV30 für Polarisationsanalyse mit thermischen Neutronen am Forschungsreaktor FRJ-2 (P)

156. Massalovitch, S.; Ioffe, A.; Küssel, E.; Schlapp, M.; Brückel, Th.

Development of the large-area 2D neutron detector based on the imaging plate (P)

157. Mueller, R.; Brückel, Th.; Horriar-Esser, Ch.

Entwicklung einer Anlage zur Herstellung von kernspin-polarisiertem ^3He am Forschungszentrum Jülich

158. Rücker, U.; Alefeld, B.; Bergs, W.; Kentzinger, E.; Heinen, J.; Brückel, Th.; Drochner, M.; Ackens, A.; Loevenich, H.; Reinhard, P.; Zwill, K.

Das neue Neutronenreflektometer mit Polarisationsanalyse in Jülich (P)

159. Rücker, U.; Kentzinger, E.; Toperverg, B.; Brückel, Th.; Ott, F.

Spin-aufgespaltene diffuse Streuung unter streifendem Einfall an polarisierenden Superspiegeln (P)

160. Toperverg, B.; Kentzinger, E.; Rücker, U.; Brückel, Th.

Specular reflection and off-specular scattering of polarized neutrons from magnetic multilayers (P)

161. Voigt, J.; Schmidt, W.; Ohl, M.; Brückel, Th.

Magnetische Ordnung in Erbium/Terbium-Schichtsystemen (P)

ICNS-Konferenz (München)

162. Ioffe, A.; Conrad, H.; Zeiske, Th.; Mueller, R.; Küssel, E.; Massalovitch, S.; Schlapp, M.; Schmitz, B.; Brückel, Th.

A New Thermal Neutron Spectrometer/Diffractometer for Polarization Analysis (SV30) at the research reactor FRJ-2 (P)

163. Massalovitch, S.; Ioffe, A.; Küssel, E.; Schlapp, M.; von Seggern, H.; Brückel, Th.

Development of neutron image plate for low flux measurements (P)

164. Rücker, U.; Alefeld, B.; Bergs, W.; Kentzinger, E.; Heinen, J.; Brückel, Th.; Drochner, M.; Ackens, A.; Loevenich, H.; Reinhard, P.; Zwill, K.

The new reflectometer with polarization analysis in Jülich (P)

165. Rücker, U.; Kentzinger, E.; Toperverg, B.; Ott, F.; Brückel, Th.

Layer-by-layer magnetometry on polarizing supermirrors (P)

166. Schlapp, M.; von Seggern, H.; Massalovitch, S.; Ioffe, A.; Conrad, H.; Brückel, Th.

Materials for neutron image plates with low γ sensitivity (P)

167. Voigt, V.; Kentzinger, E.; Rücker, U.; Schweika, W.; Brückel, Th.; Schmidt, W.; Ohl, M.

Proximity effects in Er/Tb superlattices: How Neutrons and X-Rays complement each other (P)

IFF-Beiratssitzung (FZJ, Jülich)

168. IFF - FZ Jülich (V)

Neutronenpraktikum des Institut für Festkörperforschung (FZJ, Jülich)

169. Elastic scattering from many-body systems (V)

170. Magnetism (V)

ZEL-Seminar (FZJ, Jülich)

171. Hyperpolarisiertes ^3He -Gas magnetisiert Neutronenstrahlen (V)

2000

DGK Jahrestagung (RWTH Aachen)

172. Alefeld, B.; Dohmen, L.; Brückel, Th.

GaAs as a backscattering crystal (P)

173. Hupfeld, D.; Brückel, Th.; Schweika, W.; Stempffer, J.; Mattenberger, K.

Resonante Austauschstreuung an $\text{Gd}_x\text{Eu}_{1-x}\text{S}$ -Mischkristallen (P)

174. Kentzinger, E.; Rücker, U.; Nerger, S.; Caliebe, W.; Goerigk, G.; Werges, F.; Brückel, Th.

Charakterisierung von dünnen epitaktischen δ -Mn-Schichten mit Elektronenbeugung sowie Reflektometrie und diffuser Streuung von Synchrotronstrahlung (P)

175. Wang, Y.-G.; Kentzinger, E.; Rücker, U.; Caliebe, W.; Goerigk, G.; Babik, W.; Brückel, Th.

Strukturelle Charakterisierung von Fe/Cr/Fe Schichtsystemen (P)

ENPI Meeting (Grenoble, Frankreich)

176. Polarised Neutron Scattering at the Jülich Research Center (V)

Ferienschule des Institut für Festkörperforschung (FZJ, Jülich)

177. *Brückel, Th.; Eberhardt, W.*

Dynamik in kondensierter Materie (V)

Neutronenpraktikum des Institut für Festkörperforschung (FZJ, Jülich)

178. Elastic Scattering from Many-Body Systems (V)

179. Magnetism (V)

PNCMI International Workshop (Sankt Petersburg, Russische Föderation)

180. *Nerger, S.; Kentzinger, E.; Rücker, U.; Voigt, J.; Ott, F.; Seeck, O.; Brückel, Th.*
Proximity effects in $\text{Fe}_{1-x}\text{Co}_x/\text{Mn}/\text{Fe}_{1-x}\text{Co}_x$ trilayers (P)

181. *Rücker, U.; Bergs, W.; Alefeld, B.; Kentzinger, E.; Brückel, Th.*
The new polarized neutron Reflectometer in Jülich (V und P)

TECHNI Meeting at the Cosener's House (Abingdon, UK)

182. Image Plate Detector for Thermal Neutrons (V)

Vollversammlung des BMBF Verbundes 04 (FZJ, Jülich)

183. *Brückel, Th.; Rücker, U.*

Weiterentwicklung von Beugungsmethoden zur Untersuchung magnetischer Materialien mit Hilfe von Synchrotronstrahlung (V)

1999

ECNS Konferenz (Budapest, Ungarn)

184. *Kentzinger, E.; Rücker, U.; Caliebe, W.; Goerigk, G.; Werges, F.; Nerger, S.; Voigt, J.; Schmidt, W.; Alefeld, B.; Fermon, C.; Brückel, Th.*
Structural and magnetic characterization of Fe/ δ -Mn thin films (P)

185. *Rücker, U.; Bergs, W.; Alefeld, B.; Kentzinger, E.; Brückel, Th.*
The new polarized neutron reflectometer in Jülich (P)

Ferienschule des Institut für Festkörperforschung (FZJ, Jülich)

186. Streumethoden zur Untersuchung von Dünnschichtsystemen (V)

Neutronenpraktikum des Institut für Festkörperforschung (FZJ, Jülich)

187. Elastische Streuung an Vielteilchensystemen (V)

188. Magnetische Streuung und Polarisationsanalyse (V)

189. Streuung unter streifenden Einfall (V)

1998

Euroconference „Magnetism Today“ (Evora, Portugal)

190. *Stempfer, J.; Brückel, Th.; Caliebe, W.; McIntyre, G.; Tasset, F.; Zeiske, Th.; Burger, K.; Prandl, W.; Schneider, J. R.*
Combined Neutron and High Energy Synchrotron Radiation Diffraction Study of the Itinerant Antiferromagnet Chromium (P)

Verbundtreffen (Berlin)

191. Statusbericht magnetische Röntgenstreuung (V)

Workshop „Polarised Neutrons for Condensed Matter Investigations“ (Grenoble, Frankreich)

192. *Stempfer, J.; Brückel, Th.; Caliebe, W.; McIntyre, G.; Tasset, F.; Zeiske, Th.; Burger, K.; Prandl, W.; Schneider, J. R.*
A Reinvestigation of the Field Induced Magnetic Form Factor of Chromium (P)

WTR-Veranstaltung (FZJ, Jülich)

193. Neutronen für die Festkörperforschung: Nutzung des Forschungsreaktors DIDO (V)

1997

5. Jahrestagung der Deutschen Gesellschaft für Kristallographie (Hamburg)

194. Möglichkeiten der magnetischen Strukturbestimmung mit Hilfe von Synchrotronstrahlung (V)

Gemeinsames Statusseminar der Verbände (Kloster Seeon)

195. Magnetische Beugung mit hochenergetischer Synchrotronstrahlung (V)

1995

DPG-Frühjahrstagung (Berlin)

196. *Brückel, Th.; Drewes, D.; Mattenberger, K.; Stirling, W. G.; Perry, S.; Costa, G.; de Bergevin, F.; Stunnault, A.; Wermeille, D.*
Resonante magnetische Streuung an Seltenen Erd- und Übergangsmetallverbindungen (V)
Verhandl. DPG (VI) 30 (1995), AM16.2

1994

International Conference on Magnetism (Warschau, Polen)

197. *Brückel, Th.; Lippert, M.; Köhler, Th.; Schneider, J. R.; Prandl, W.*
The Non-Resonant Magnetic X-ray Scattering Cross Section of MnF_2 (V)

198. *Brückel, Th.; Lippert, M.; Kubo, H.; Zenmyo, K.; Mayer, H. M.; Pfeiffer, F.*
Magnetic Structure and Phase Transitions of $\text{Co}_{1-x}\text{Mn}_x\text{Cl}_2 \cdot 2\text{H}_2\text{O}$ and $\text{Co}_{1-x}\text{Mn}_x\text{Cl}_2 \cdot 2\text{D}_2\text{O}$ (P)

1993

Int. Workshop on the Use of Neutrons & X-Rays in the Study of Magnetism (Grenoble, Frankreich)

199. *Lippert, M.; Brückel, Th.; Schneider, J. R.; Jauch, W.; Prandl, W.*
The Non-Resonant Magnetic X-Ray Cross Section of MnF_2 (P)

200. *Brückel, Th.; Hinrichs, K.; Prandl, W.; Paulsen, C.*
Ordering Due to Disorder in Antiferromagnets with Continuously Degenerate Néel Ground State (P)

1992

DPG-Frühjahrstagung (Regensburg)

201. *Brückel, Th.; Hinrichs, K.; Prandl, W.*
Durch Fehlordnung induzierte Ordnung in einem Antiferromagneten mit unendlichfach entartetem Néel-Grundzustand (V)
Verhandl. DPG 27 (1992), AM4.2

Verbundtreffen Forschung mit Neutronen (Bad Schandau)

202. *Hinrichs, K.; Brückel, Th.; Herz, K.; Knorr, K.; May, H. J.; Prandl, W.*
Perkolationsverhalten in amorphen Spingläsern $Mn_3Ca_{3-x}Al_2Si_3O_{12}$ (P)
203. *Brückel, Th.; Hagdorn, K.; Hinrichs, K.; Prandl, W.*
Unordnung schafft Ordnung: das magnetische Phasendiagramm von $(Fe_xGa_{1-x})_2Ca_3Ge_3O_{12}$ Granaten (V)

1991

International Conference on Magnetism (Edinburgh, Schottland)

204. *Brückel, Th.; Prandl, W.; Hagdorn, K.*
Neutron Scattering Investigation of the Magnetic Structure and Phase Transitions in CoNiTAC Mixed Crystals (P)
JMMM 104-107 (1992), 1629-1631

International Conference on Neutron Scattering (Oxford, UK)

205. A Thermal Flat Cone Diffractometer for Polarization Analysis (P)
Physica B 180&181 (1992), 1011-1013

1990

DPG-Frühjahrstagung (Regensburg)

206. *Brückel, Th.; Prandl, W.*
Bestimmung magnetischer Austauschwechselwirkungen mit Hilfe von Neutronenbeugung (V)
Verh. Dtsch. Phys. Ges. 25 (1990), AM 5.4

1989

Twelfth European Crystallographic Meeting (Moskau, Russische Föderation)

207. *Brückel, Th.; Prandl, W.; Vrtis, M. L.*
A Neutron Diffraction Study of the Magnetic Diffuse Scattering from Antiferromagnetic Garnets (P)

1988

DPG-Frühjahrstagung (Karlsruhe)

208. *Brückel, Th.; Capellmann, H.; Just, W.; Schärpf, O.; Kemmler-Sack, S.; Kiemel, R.; Schaefer, W.*
Magnetische Fluktuationen in $YBa_2Cu_3O_{7-x}$ (V)
Verh. Dtsch. Phys. Ges. 23 (1988), TT7.16
209. *Brückel, Th.; Dorner, B.; Gukasov, A. G.; Plakhty, V. P.; Shender, E. F.; Smirnov, O. P.; Prandl, W.*
Spinwellen im antiferromagnetischen Granat $Ca_3Fe_2Ge_3O_{12}$ mit dynamisch wechselwirkenden Untergittern gemessen mit inelastischer Neutronenstreuung (P)
Verh. Dtsch. Phys. Ges. 23 (1988), AM8.26

International Conference on Magnetism (Paris, Frankreich)

210. *Brückel, Th.; Neumann, K. U.; Capellmann, H.; Schärpf, O.; Kemmler-Sack, S.; Kiemel, R.; Schäfer, W.*
Magnetic Fluctuations in the Compounds $YBa_2Cu_3O_{6+x}$ ($0 < x < 1$) (P)
Journal de Physique, Supplement 49 (1988), C8-2155-2156

International Conference on Neutron Scattering (Grenoble, Frankreich)

211. *Brückel, Th.; Dorner, B.; Gukasov, A. G.; Plakhty, V. P.; Prandl, W.; Shender, E. F.; Smirnov, O. P.*
Dynamical Sublattice Interaction in the Antiferromagnetic Garnet $Fe_2Ca_3(GeO_4)_3$ as studied by Neutron Scattering (P)
Physica B 156/157 (1989), 308-310

1987

Diskussionstagung der Arbeitsgemeinschaft Kristallographie (Berlin)

212. *Brückel, Th.; Prandl, W.; Convert, P.*
Magnetische Frustration in den Mischgranaten $(Fe_xCr_{1-x})_2Ca_3(GeO_4)_3$: Phasendiagramm, zeitliche und räumliche Relaxation der magnetischen Ordnung (V)
Z. Kristallogr. 178 (1987), 42-43

DPG-Frühjahrstagung (Münster)

213. *Brückel, Th.; Prandl, W.; Schärpf, O.; Convert, P.*
Aufbrechen der Fernordnung in magnetischen Mischsystemen (V)
Verh. Dtsch. Phys. Ges. 22 (1987), AM 1.3

1986

DPG-Frühjahrstagung (Freudenstadt)

214. *Brückel, Th.; Prandl, W.*
Relaxationsverhalten der magnetischen Fernordnung infolge lokaler Frustration im Mischgranatsystem $(Fe_xCr_{1-x})_2Ca_3Ge_3O_{12}$ (V)
Verh. Dtsch. Phys. Ges. 21 (1986), AM

1984

DPG-Frühjahrstagung (Münster)

215. *Brückel, Th.; Prandl, W.; Vogt, K.; Zeyen, C. M. E.*
Neutronenbeugung zur Untersuchung der quantenmechanischen Orientierungsfehlordnung in $(\text{NH}_4)_2\text{SnCl}_6$ (V)
Verh. Dtsch. Phys. Ges. 19 (1984), 441-442

Symposium on Neutron Scattering (Berlin)

216. *Brückel, Th.; Prandl, W.; Vogt, K.; Zeyen, C. M. E.*
Quantum Disorder in $(\text{NH}_4)_2\text{SnCl}_6$ as Observed by Neutron Diffraction (P)
HMI-B 411 (1984), 170-171

1983

Diskussionstagung der Arbeitsgemeinschaft Kristallographie (Tübingen)

217. *Brückel, Th.; Prandl, W.; Vogt, K.; Zeyen, C. M. E.*
Das Ammonium-Molekül in $(\text{NH}_4)_2\text{SnCl}_6$ als Quantenrotator (P)
Z. Kristallogr. 162 (1983), 45-46