Neutron scattering and μSR investigations of quasi-one-dimensional magnetism in the spin =3/2 compound Li3RuO4
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Hydration shells exchange charge with their protein
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Antiferromagnetic phase transition and spin correlations in NiO
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Switching behaviour of coupled antiferro- and ferromagnetic systems: exchange bias
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Uniform spin wave modes in antiferromagnetic nanoparticles with uncompensated moments
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Magnetic diffuse scattering from Nd above TN and deduced exchange interaction parameters
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Magnetic distorted spiral structure of Nd at 10 K
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Neutron study of magnetic excitations in 8-nm -Fe2O3 nanoparticles
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Spin dynamics in weakly and strongly interacting NiO nanoparticles
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Analytical tools for solitons and periodic waves corresponding to phonons on Lennard-Jones lattices in helical proteins
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Picosecond thermometer in the amide I band of myoglobin
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review
Theory and simulation of antiferomagnetic nano-particles
Research output: Contribution to journal › Conference article – Annual report year: 2003 › Research › peer-review

Theory and simulation of interacting ferro- and antiferromagnetic nano-particles (poster)
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2003 › Research

DBP’s new European counterpart: The Division of Physics in Life Sciences (DPL) of the EPS
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Communication

Interpretation of an important far-infrared collective mode in proteins (poster)
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2002 › Research

Materials Research Department annual report 2001
Research output: Book/Report › Report – Annual report year: 2002 › Research

Er fysik i fare eller faret vild? Tanker omkring Third World Congress of Physical Societies i Berlin
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research

Mean field and Monte Carlo simulation studies of premartensitic effects in Ni2MnGa
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Oxygen ordering in YBa2Cu3O6+x using Monte Carlo simulation and analytic theory
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Which path is physics taking?
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Communication

Influencing physics in Europe. Divisions, sections, and inter-divisional groups in EPS
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Communication

Structure and spin-flip of ferro- and antiferro-magnetic nanoparticles
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2000 › Research

Det Europæiske Fysiske Selskab
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research
Heteroepitaxial strain in alkali halide thin films: KCl on NaCl
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research

Magnetic dynamics of small α-Fe₂O₃ and NiO particles studied by neutron scattering
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research › peer-review

Modeling premartensitic effects in Ni₂MnGa: A mean-field and Monte Carlo simulation study
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research

Models of protein folding and protein interactions
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 1999 › Research

Monte Carlo study of oxygen ordering in YBa₂Cu₃O₆₊ₓ
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1999 › Research

Reply to "Equivalence of the δρ²-degenerate and ordinary Blume-Emery-Griffiths models"
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research

Simple solution to problems concerning oxygen ordering in YBa₂Cu₃O₆₊ₓ (Erratum: Phys. Rev. B 61, 821, 2000)
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research

Computer simulation of heteroepitaxial structures of alkali halide thin films
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 1998 › Research

Flat, distorted spiral structure in praseodymium and neodymium
Research output: Contribution to journal › Conference article – Annual report year: 1998 › Research › peer-review

Analytical theory of diffuse scattering from distributions of non-overlapping structures
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research

Dynamics of Magnetic Nanoparticles Studied by Neutron Scattering
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Flat, distorted spiral structure in praseodymium and neodymium
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1997 › Research
Magic numbers in protein structures
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 1997 » Research

Magnetic structure of Nd and Pr and central peak phenomena in singlet-doublet system
Research output: Chapter in Book/Report/Conference proceeding » Conference abstract in proceedings – Annual report year: 1997 » Research

Magnetic switching in nanoscale ising ferromagnetism
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 1997 » Research

Magnetization switching in nanoscale ferromagnetic grains: Simulations with heterogeneous nucleation
Research output: Contribution to journal » Journal article – Annual report year: 1997 » Research » peer-review

Monte Carlo simulation study of oxygen ordering superstructures in high-Tc superconductors
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 1997 » Research

Packing of protein structures in clusters with magic numbers
Research output: Contribution to journal » Conference article – Annual report year: 1997 » Research » peer-review

Premartensitic phenomena in the ferro- and paramagnetic phases of Ni2MnGa
Research output: Contribution to journal » Journal article – Annual report year: 1997 » Research

Properties of magnetic nano-particles
Research output: Contribution to journal » Journal article – Annual report year: 1997 » Research » peer-review

Simulation of strain relief in KCl/NaCl(001)
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 1997 » Research

Spin-slip structure and central peak phenomena in singlet-doublet system: Praseodymium
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 1997 » Research

Spin-slip structure and central peak phenomena in singlet-doublet system: Praseodymium
Research output: Contribution to journal » Journal article – Annual report year: 1997 » Research » peer-review

Theory of magnetic nanoparticles
Research output: Contribution to conference » Conference abstract for conference – Annual report year: 1997 » Research
Inelastic neutron scattering measurements on Nd$_2$Fe$_{14}$B and Y$_2$Fe$_{14}$B single crystals
Research output: Contribution to journal › Conference article – Annual report year: 1992 › Research › peer-review

Magnetic properties of clusters
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 1992 › Research

Monte Carlo simulation of two-dimensional corrugated systems
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 1992 › Research

Proceedings of the Joint Nordic Spring meeting '92. Extended abstracts
Research output: Book/Report › Report – Annual report year: 1992 › Research

Solving the 3-D ASYNNNI model on the connection machine
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 1992 › Research

Structural phase transitions of an adsorbate on a corrugated surface studied by Monte Carlo simulation
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1992 › Research

The phase diagram and the magnetic structure of nuclear spins in elemental copper below 60 nK
Research output: Contribution to journal › Journal article – Annual report year: 1992 › Research

Vibrationally reduced magnetic interactions in Cu and the magnetic ordering in a magnetic field
Research output: Contribution to journal › Conference article – Annual report year: 1992 › Research › peer-review

Calculation of the Ruderman-Kittel interaction and the nuclear magnetic ordering in silver. (Paper PD5.21)
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1991 › Research

Domain-growth kinetics and aspects of pinning: A Monte Carlo simulation study
Research output: Contribution to journal › Journal article – Annual report year: 1991 › Research

Ferromagnetism in small clusters. (Paper E.4.4)
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1991 › Research
Inelastic neutron scattering measurements on Nd$_2$Fe$_{14}$B and Y$_2$Fe$_{14}$B single crystals. (Paper PE3.9)
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1991 › Research

Inelastic neutron scattering measurements on Nd$_2$Fe$_{14}$B single crystals
Research output: Contribution to journal › Journal article – Annual report year: 1991 › Research › peer-review

Neutron diffraction studies of the nuclear magnetic phase diagram of copper. (Paper PD5.20)
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1991 › Research

Substrate influence on two-dimensional solids and liquids: A Monte Carlo simulation study
Research output: Contribution to journal › Journal article – Annual report year: 1991 › Research

The $t^{-1/4}$ universality class: Theory and simulation of slow domain growth after quenches to low and finite temperatures
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 1991 › Research

Two dimensional solids and liquids influenced by small and large substrate potential
Research output: Contribution to journal › Journal article – Annual report year: 1991 › Research

Vibrationally reduced magnetic interactions in Cu and Ag and the magnetic ordering in a magnetic field. (Paper B10.8)
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1991 › Research

Fluctuation effects in first-order phase transitions: Theory and model for martensitic transformations
Research output: Contribution to journal › Journal article – Annual report year: 1990 › Research › peer-review

Neutron diffraction experiments on ordered silver nuclei at Picokelvin temperatures. A feasibility study
Research output: Book/Report › Report – Annual report year: 1990 › Research

Theory of a new type of antiferromagnetism in the ideal fcc system Cu
Research output: Contribution to journal › Journal article – Annual report year: 1990 › Research › peer-review

Monte Carlo Simulation of Adiabatic Cooling and Nuclear Magnetism
Research output: Contribution to journal › Journal article – Annual report year: 1988 › Research › peer-review
Theory of Excitations in Incommensurably Modulated Magnets
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1987
Research

Theory of Excitations in Incommensurably Modulated Magnets
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1987
Research

Calculation of the Ruderman-Kittel interaction and magnetic ordering in copper
Research output: Contribution to journal › Journal article – Annual report year: 1986
Research › peer-review

Linear spin-wave theory of incommensurably modulated magnets
Research output: Contribution to journal › Journal article – Annual report year: 1986
Research › peer-review

Theory and Model for Martensitic Transformations
Research output: Contribution to journal › Journal article – Annual report year: 1986
Research › peer-review

Theory of field induced incommensurability: CsFeCl3
Research output: Contribution to journal › Journal article – Annual report year: 1986
Research › peer-review

Theory of static and dynamic properties of Gd
Research output: Contribution to journal › Journal article – Annual report year: 1986
Research › peer-review

Correlation theory of crystal field and anisotropic exchange effects
Research output: Contribution to journal › Journal article – Annual report year: 1985
Research › peer-review

Correlation Theory of Magnetic Excitations
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1984
Research

Correlation Theory of the Heisenberg Antiferromagnet and Ferromagnet: Dependence on Dimension, Field, and Temperature
Research output: Contribution to journal › Journal article – Annual report year: 1984
Research › peer-review

Magnetic Excitations in Insulators and Metals
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1984
Research
Soft Mode and Central Peak as a Consequence of Competing Interactions
(NATO Advanced Study Institute Series; No. Series B Vol 106).

Correlation Theory for One Dynamical Variable: Application to EuO and EuS

Correlation Theory of Planar Magnets for T>T_c

Theory of Excitations in the 1-d Singlet Ground State Magnet CsFeCl3

Theory of Spin Waves in a Sinusoidal Phase

Correlation Theory Applied to the Static and Dynamic Properties of EuO and EuS

Neutron Scattering Investigation of the Temperature Dependence of Long-Wavelength Spin Waves in Ferromagnetic Rb2CrCl4

Correlation Theory of Static and Dynamic Properties.

Renormalization of Long Wavelength Spin Waves in the 2d Ferromagnet Rb2CrCl4

Theory of Static and Dynamic Properties of Crystal Field Systems Including Correlation Effects

Exact Results for Spin-Wave Renormalisation in Heisenberg and Planar Ferromagnets

First Principles Calculation of the Damping and Quasielastic Mode of DHCP-Pr
Magnetism in Praseodymium-Neodymium Single-Crystal Alloys
Research output: Contribution to journal › Journal article – Annual report year: 1975 › Research › peer-review

Renormalization of Magnetic Excitations in Praseodymium
Research output: Contribution to journal › Letter – Annual report year: 1975 › Research › peer-review

Spin-Wave Dispersion and Sublattice Magnetization in NiCl_2
Research output: Contribution to journal › Journal article – Annual report year: 1975 › Research › peer-review

Tables of Products of Tensor Operators and Stevens Operators
Research output: Contribution to journal › Journal article – Annual report year: 1975 › Research › peer-review

Theoretical Magnon Dispersion Curves for Gd
Research output: Contribution to journal › Journal article – Annual report year: 1975 › Research › peer-review

Theory of Magnetic Properties of Heavy Rare Earth Metals: Temperature Dependence of Magnetization, Anisotropy, and Resonance Energy
Research output: Contribution to journal › Journal article – Annual report year: 1975 › Research › peer-review

Bose-Operator Expansions of Tensor Operators in the Theory of Magnetism
Lindgård, P.-A. & Danielsen, O., 1974, In : JOURNAL OF PHYSICS C-SOLID STATE PHYSICS. 7, 8, p. 1523-1535
Research output: Contribution to journal › Journal article – Annual report year: 1974 › Research › peer-review

Exchange interaction in the heavy rare earth metals calculated from energy bands
Research output: Book/Report › Report – Annual report year: 1974 › Research

Exchange Interaction in the Heavy Rare-Earth Metals Calculated from Energy Bands
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1974 › Research

Spin Wave Dispersion and Magnetization in NiCl_2
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1974 › Research

Tables of products of tensor operators and Stevens operators
Research output: Book/Report › Report – Annual report year: 1974 › Research

Critical Electron-Paramagnetic-Resonance Spin Dynamics in NiCl_2
Critical scattering of neutrons from terbium
Research output: Contribution to journal › Journal article – Annual report year: 1968 › Research › peer-review

Inelastic critical scattering of neutrons from terbium
Research output: Contribution to journal › Journal article – Annual report year: 1967 › Research › peer-review

Investigation of magnon dispersion relations and neutron scattering cross sections with special attention to anisotropy effects
Research output: Contribution to journal › Journal article – Annual report year: 1967 › Research › peer-review

Diagonalization Procedure for a Bose System Hamiltonian
Research output: Book/Report › Report – Annual report year: 1966 › Research