

Topics

- Magnetic structures, magnetic excitations, magnons, spin chains
- Flux line lattices in superconductors
- Polarized neutrons
- Larmor techniques (MIEZE, NSE, NRSE, diffraction)
- 3D-Polarisation analysis, MuPad
- Quasielastic neutron scattering: TOF-techniques, NSE, backscattering
- Reflectometry with neutrons, heterostructures
- Lattice dynamics
- Scattering by disorder
- Neutron sources
- Neutron optics
- Extreme conditions
- Ultra cold neutrons (life time, electric dipolar moment, gravitational fields)