

# Single and Double Polarised Experiments at ANKE–COSY

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There are unique opportunities at ANKE to measure the spin dependence of many polarised reactions, primarily in the proton–neutron sector. This is through the combination of magnetic analysis of fast particles with the detection of slow particles in the silicon telescope array. Using the deuteron as an effective neutron target gives us the possibility to study meson production reactions in pn collisions. Single and double polarised experiments can provide necessary over-constraints to the existing data via measuring the analysing powers and the spin-correlation parameters. Recent results achieved at ANKE using polarised beams and targets will be presented.

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