

Talk 2: 14:30–

## Temperature effects on spin correlations in Haldane-gap magnets

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I discuss the effects of temperature on spin correlations in the spin-1 Heisenberg chain in the framework of a field theory description by means of the  $O(3)$  nonlinear sigma model, I show how to determine the dynamical structure factor at low temperature using methods of integrable quantum field theory. I discuss the relevance of the results obtained to inelastic neutron scattering experiments on Haldane-gap magnets.