



Department of
Theoretical Physics

The Quantum Space-Time Seminar

Tree level scattering of Bosonic Higher spin Particles

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Date and time: 2 PM, 25 April 2025 (Fri)
Venue: AG66



The zoom link will be sent separately.

In this talk, we will discuss tree-level scattering of two massless and two massive particles with arbitrary integer spin (Compton Scattering). The amplitude plays an important role in gravitational wave physics. We discuss the contributions of exchange diagrams and the role of contact terms. The talk is based on [Arxiv 2504.06343](#) and some ongoing work.