



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

On scale-invariant non-relativistic field theories

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Zoom link shall be shared separately



In this talk, I will discuss some aspects of non-relativistic field theories with scale invariance. I will start with the case when the scale invariance is enhanced to conformal symmetry. I will discuss operator content and the correlation function of the non-relativistic conformal field theory when placed on a manifold with a boundary. Finally, I will discuss an interesting case of a scale-invariant non-relativistic field theory which is not conformal.