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From Geometry to Scattering Amplitudes (and beyond)

Thursday 6 November 2025 16:20 (40 minutes)

In recent years it has become clear that particular geometric structures, called positive geometries, underlie various observables in quantum field theories. In this talk I will review these concepts, with a particular focus on scattering amplitudes in $N=4$ super Yang-Mills. I will also present some new related ideas for ABJM and cosmological correlators.

Presenter: FERRO, Livia