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(Anti-) de Sitter deformations of celestial symmetries and their twistor origin

Thursday 19 June 2025 14:30 (30 minutes)

This talk will review the twistor origins of celestial symmetry algebras and their deformations/extension to (A)dS. It will go on to discuss their origin as Hamiltonians via twistor actions and connections with the integral systems literature and top down approaches to celestial holography. This is partly based on joint work with Bittleston, Bogna, Kmec & Skinner arxiv:2403.18011 and with Kmec, Ruzziconi and Sharma arxiv:2506.01888.

Presenter: MASON, Lionel

Session Classification: Topical Seminars