



Universidad del País Vasco
Euskal Herriko Unibertsitatea
The University of the Basque Country

Seminarios de Física Teórica Fisika Teorikoa: Hitzaldiak

Solving the Scattering Equations

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Abstract Scattering amplitudes reveal very interesting structures in gauge theories and gravity which remain hidden when looking at off-shell quantities. In this talk, I will discuss the Cachazo-He-Yuan scattering equations and how they can be used to construct scattering amplitudes for a variety of quantum field theories. After reviewing the formalism, I will show how the use of Sudakov variables greatly simplifies finding solutions to these equations.

Prof. A. Chamorro Seminar Room, Dept. of Theoretical Physics, Corridor 4.-2.

Wednesday, Nov 7th, 2018

Time:11:40 am