

Amplitudes for mathematicians

Monday, 12 June 2023 11:30 (1 hour)

I will try to give a brief overview of the landscape of the areas of physics which now go under the name of 'amplitudes', and how they connect with mathematics and especially number theory. After that I can either focus on the mathematics which underlies Feynman integrals (locally symmetric spaces) or string perturbation theory (moduli spaces of curves), depending on the audience's preference.

Presenter: BROWN