UNIVERSITÄT BONN

Bethe Colloquium

Claude Duhr

CERN

The Mathematics of Precision Physics

Precise predictions for observables in perturbative Quantum Field Theory require the evaluation of multi-loop scattering amplitudes and integrals. We review recent advances in understanding the mathematics underlying perturbative higher-order computations and how they have led to new results for precision collider observables.

Zoom meeting

Thursday, May 27, 2021, at 16 c.t.

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