

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.

**Bethe Center for
Theoretical Physics**

Physikalisches Institut
Universität Bonn
Nussallee 12
53115 Bonn

phone (+49) 228/73-3770
email theory@physik.uni-bonn.de



For detailed information visit us at: <http://bctp.uni-bonn.de>