



Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

Dienstag, 31. Januar 2017

17 Uhr s.t., Geom H4

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(CERN)

From pure mathematics to precision physics: scattering amplitudes in the 21st century

Abstract:

The computation of quantum corrections to scattering processes has for a long time been hampered by the complexity of the integrals involved. In recent years there was tremendous progress in this area, partly due to the discovery of deep connections between scattering amplitudes and certain branches of pure mathematics. I will review these connections and discuss how they can be turned into new powerful tools for precision computations.

Vor dem Vortrag (ab 16.30 Uhr) stehen im Raum 327 Kaffee und Tee bereit.