



Sommerfeld Theory Colloquium

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The mathematics behind Feynman integrals

Feynman integrals are indispensable for precision calculations, not only for high-energy particle physics experiments, but also for example for QED precision experiments at lower energies or precision studies in gravitational wave physics. In recent years there has been a significant progress in our abilities to compute Feynman integrals, revealing a rich and fascinating mathematical structure, relating Feynman integrals to (algebraic) geometry. In this talk I will review these recent developments.

Wednesday, 19 October 2022, 16:15h, Room A348/and/via/Zoom, Theresienstr. 37/III

Prof. Ivo Sachs