PHYSIKALISCHES KOLLOQUIUM

AM 02. NOVEMBER 2020 UM 17 UHR C.T.

LIVESCHALTUNG VIA ZOOM

AKTUELLE INFORMATIONEN FINDEN SIE HIER:
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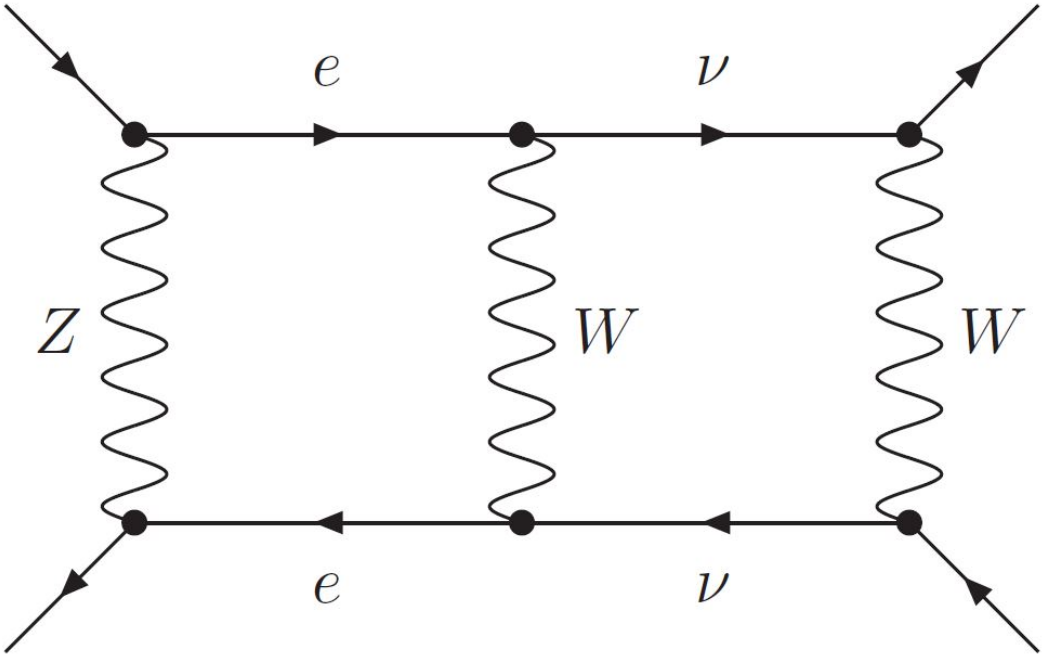

WHAT IS A FEYNMAN INTEGRAL?

PROF. DR. STEFAN WEINZIERL
UNIVERSITÄT MAINZ

In this talk for a general physics audience I will try to answer the question in the title and related questions:
- Where do we need Feynman integrals?
- How do we compute Feynman integrals?
- What is the mathematics behind Feynman integrals?
- What is the relation of Feynman integrals with geometric objects like spheres, tori and others?
The topic of the talk is in the area of mathematical physics. I wil try to present the material in such a way that it is accessible to an audience ranging from experimental physics to mathematics.