



EINLADUNG

im Rahmen des Teilchenphysikseminars

zum Vortrag von

Benjamin PECJAK

(University of Durham)

über

“EW corrections in SMEFT“

Abstract:

Standard Model Effective Field Theory (SMEFT) is not only a practical tool for searching for small deviations from SM expectations in data, but is also a well-defined quantum field theory.

In this talk I focus on interesting field-theoretical features involved in calculations of EW corrections in SMEFT. Compared to the SM, these include subtleties in Higgs-Z mixing, electric charge renormalisation, gauge fixing, and the treatment of tadpoles when using hybrid renormalisation schemes where some parameters are renormalised in the \overline{MS} scheme and some in the on-shell scheme.

Zeit: Dienstag, 19.3.2024, 16:15h

Ort: Erwin-Schrödinger-Hörsaal, Boltzmannngasse 5, 5. Stock

Join Zoom Meeting - Meeting ID: 933 4269 3866 Passcode: 185096
<https://univiennea.zoom.us/j/93342693866?pwd=aUpTR0VJNUhJY2Q0ajdaKzI1YWVhQ09>