

Invitation to IQST Seminar

on Wednesday, July 13th, 2022 at 10 am
Universität Ulm
N24/H14

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Controlling nuclear structure effects in atomic physics using non-relativistic QED

Abstract:

From the proton radius puzzle to the non-linearity in isotope shift, nuclear structure effects present a challenge to interpreting atomic physics precision measurements. In this talk I will describe how to use non-relativistic QED effective field theory to control such effects and interpret atomic physics data in a model-independent way.