



Contribution ID: 492

Type: **Talk**

From scattering towards multi-hadron weak decays

Tuesday, 30 July 2024 09:00 (45 minutes)

Hadron spectroscopy and the study of QCD resonances on the lattice has seen rapid advancements in recent years. This is thanks to new and refined analytical formalisms, improved computational strategies and last but not least a substantial community effort in pushing the boundaries to more complicated resonant channels and simulations at physical quark masses. In this talk I present a selection of recent lattice QCD scattering computations and give an outlook on how a fundamental understanding of resonances in lattice QCD is a key component in a wide range of computations that can be compared to experimental results and as such serve as crucial tests of the Standard Model.

Primary author: ERBEN, Felix (CERN)

Presenter: ERBEN, Felix (CERN)

Session Classification: Plenary

Track Classification: Plenary - by invitation only