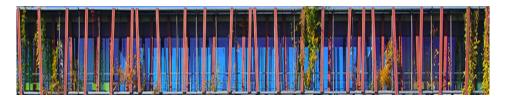
## **EuroPLEx Final Conference**



Contribution ID: 37 Type: Presentation

## $\Delta S=2$ transitions beyond the standard model

Monday 11 September 2023 16:30 (30 minutes)

The low energy contribution to  $\Delta S=2$  transitions beyond the standard model is described by five B-parameters. Lattice results from different research teams, as reviewed by FLAG, show tension between two of these parameters. After reviewing this situation, we describe an alternative proposal for a completely non-perturbative determination of these quantities, based on SF and  $\chi$ -SF renormalisation schemes. In a first preparatory phase, we show results on the RG-running of dim-3 operators (pseudoscalar and tensor) in the  $\chi$ -SF scheme.

**Presenter:** VLADIKAS, Anastassios (INFN, Rome Tor Vergata)