



Contribution ID: 26

Type: **Parallel-Goldstone Boson**

Review of light quark mass ratio determination via $\eta \rightarrow 3\pi$ decay

In this talk, we will show how $\eta \rightarrow 3\pi$ is the golden channel for determining the light quark mass ratio from experiment. We will review the different extractions and uncertainty assessment. The results will be compared with lattice QCD determinations and the opportunities for further improvement will be discussed.

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