Contribution ID: **32**   Type: **Plenary Presentation**

Neutrino Mixing Parameters

Thursday, 7 December 2023 13:30 (20 minutes)

Six parameters enable us to compute all neutrino oscillations in the standard three-flavor neutrino mixing paradigm. Our measurements of these parameters have been steadily improving over time. With the unprecedented precision promised by the next-generation experiments, we re-evaluate our understanding of neutrino mixing by relaxing the three-flavor assumption, i.e., testing the unitarity of the PMNS matrix. This highlights the complementarity of future experiments DUNE, T2HK, JUNO, and IceCube Upgrade.

Name of collaboration or list of co-authors

Sebastian Ellis, Kevin Kelly

Primary author: LI, Shirley (UC Irvine)

Presenter: LI, Shirley (UC Irvine)

Session Classification: Thursday after lunch