



Contribution ID: 32

Type: **Plenary Presentation**

## Neutrino Mixing Parameters

*Thursday, December 7, 2023 1:30 PM (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

**Author:** LI, Shirley (UC Irvine)

**Presenter:** LI, Shirley (UC Irvine)

**Session Classification:** Thursday after lunch