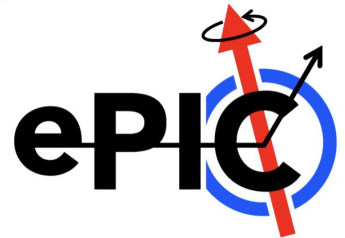


# EW-BSM Update

Analysis Coordination Meeting  
09/29/2023

Ciprian Gal and Michael Nycz



# Ongoing Efforts

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## Charged-Lepton Flavor Violation (CLFV):

- 1-prong and 3-prong decay modes
- PID:  $\tau$  (and  $\mu$ ) identification

## Weak Mixing Angle:

- Studying uncertainties due radiative corrections (bin migration) using DJANGHO
- SMEFT analysis to extract weak mixing angle using ePIC

## Current Workforce

1 Graduate Student: part time

2 Postdocs: part time

1 Staff / Faculty: part time