Caltech-TDLI EDM Workshop: Take Aways

- EDMs are **manifestly** interesting and could **manifest** BSM CPV
- Theory-Experiment interaction continues to be vital
- The baryon asymmetry implications are important for the field
- Covering gamut from ions-molecules-neutrons-atoms-muons → challenges and clever technical ways of addressing problems
- New rigor for global analysis of EDMs
- New optimism for improved Schiff moment computations
- Impressive progress in many experiments
- Cross-system (atoms, neutrons…) workshop opportunities important
- Is there really a strong CP problem?
- Global analysis → Need for nuclear uncertainty quantification needed
- Particular progress in atomic-molecular (300 x in 10+ EDM)
- Could there be surprises in muon, tau EDMs?

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- For proposals: experimentalists could help funding for theory
- Broad range of techniques in theory needed for interpretation as well as global analysis
- Aggressive efforts to improve nuclear and hadronic matrix element computations are vital
- Delineating connections with cosmology and high energy frontiers is vital