Fermilab **ENERGY** Office of Science



Welcome

Joe Lykken CMS HL-LHC CD-1 Readiness Directors' Review March 19, 2019



Recommendation 10: Complete the LHC phase-1 upgrades and continue the strong collaboration in the LHC with the phase-2 (HL-LHC) upgrades of the accelerator and both general-purpose experiments (ATLAS and CMS). **The LHC upgrades constitute our highest-priority near-term large project.**

- Fermilab is committed to the success of the P5 plan
- Fermilab is committed to the integrity of the P5 priorities
- In particular, Fermilab is committed to, and takes responsibility for, the success of the U.S. CMS HL-LHC Upgrades, both as a DOE project and as an essential contribution to an international scientific endeavor



There is no substitute for project performance

Cost and schedule performance on Fermilab projects is of critical importance for

- The success of the the P5 plan for U.S. HEP
- The success of Fermilab as a national laboratory
- The future prospects for our field

We must deliver



Welcome and best wishes for a successful exercise

