

MEMORANDUM

Date: October 4, 2021
To: Distribution
From: Rolf Ent and Camille Ginsburg for the Nuclear Physics Experiment
Scheduling Committee
Subject: Start of the Experimental Program Fall 2021

The portion of the published experiment schedule corresponding to the Fall 2021 has been updated. It reflects a delayed start of the physics program due to various hardware issues encountered when restoring beam after the 2020-2021 Scheduled Accelerator Down (SAD) – please refer to the August 12, 2021 memo. The updated schedule keeps constant the number of experiment weeks between the start of the program and the beginning of the early 2022 SAD. The Fall 2021 run will now end February 1, 2022 with a short break for the holidays. The updated Fall 2021 schedule can be found at <https://www.jlab.org/physics/experiments/schedule>

Several of the experiments scheduled for Fall 2021 require extracting beam at machine passes lower than the 5th-pass. With four halls operating simultaneously, this represents a challenge since Hall D can only receive beam if one of the other halls is at 5th-pass. Changes in the schedule of the halls, made it necessary to rearrange the order that, compared to the published schedule, the halls must take their energies to maximize the up-time of Hall D. Even with these changes, Hall D is expected to stop early December 2021.

This schedule pushes the start of the 2022 SAD to February 1, 2022 with resumption of beam to experiments on June 1, 2022. The Nuclear Physics Experiment Scheduling committee (NPES) is working on a more extended schedule through June 2023 that will be released shortly.

