



U.S. DEPARTMENT OF
ENERGY

Office of Science

Introductions

Ulascan Sarica (UCSB)

Li Yuan (Beihang Univ.)

Pedro Fernández Manteca (Rice Univ.)

LPC Off-shell Workshop

Mar. 25, 2024

Welcome

We would like to thank all of you for participating in this workshop.

The goal of the workshop is to help with existing Run 2 analysis efforts, identify missing ingredients for Run 3, and hopefully kickstart them.

- Tutorials on different tools you could use in off-shell analyses and beyond
- Overviews of different related analyses in CMS to help us gauge coordination areas
- Theory talks Wednesday morning to learn about the latest news and developments
- Rafael's talk on Thursday about ATLAS off-shell analysis during LPC TOTW (also in Sunrise!)

Once the ATLAS talk is complete, we will have a CMS-only forum on common plans and strategies. A summary of discussion items is going to be presented during the closing of the workshop.

We appreciate all of the attendees participating remotely. We did our best in scheduling talks and tutorials of common interest in the mornings, except for a few cases due to various other constraints.

Code of conduct and logistics

We expect all attendees to engage in discussions in a constructive manner that is consistent with the [Fermilab Community Standards](#).

Mattermost for offline communication:

<https://mattermost.web.cern.ch/cmsoffshellhiggsatlpc>

Tutorials:

Make sure you have access to lxplus. Some tutorials will require CMSSW while others will not. Any tutorial-specific questions, discussions, and announcements should be collected on this channel: <https://mattermost.web.cern.ch/cmsoffshellhiggsatlpc/channels/tutorials>.

Lunch:

We will typically have about an hour.

The cafeteria (Taher) has an option to order [online](#) or via an [app](#).

Dinner:

The registration fee does not cover dinners. However, we are planning to have an informal dinner on Thursday.