

# **Analysis Workshop April 2023**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Welcome

*Wednesday, April 12, 2023 9:00 AM (10 minutes)*

**Presenter:** GRAHAM, Mathew (SLAC)

Contribution ID: 2

Type: **not specified**

## Status of 2019 Alignment

*Wednesday, April 12, 2023 9:10 AM (20 minutes)*

**Presenter:** BUTTI, Pierfrancesco (SLAC)

**Session Classification:** Alignment

Contribution ID: 3

Type: **not specified**

## Status of 2022 Alignment

*Wednesday, April 12, 2023 9:30 AM (20 minutes)*

**Presenter:** BRAVO, Cameron (SLAC)

**Session Classification:** Alignment

Contribution ID: 4

Type: **not specified**

## **MC Studies of Alignment**

*Wednesday, April 12, 2023 9:50 AM (20 minutes)*

**Presenter:** GAISER, Sarah (SLAC)

**Session Classification:** Alignment

Contribution ID: 5

Type: **not specified**

## Using KF Tracks for Alignment

*Wednesday, April 12, 2023 10:10 AM (20 minutes)*

**Presenter:** EICHLERSMITH, Tom (UMN)

**Session Classification:** Alignment

Contribution ID: 6

Type: **not specified**

## Discussion: Getting to Yes

*Wednesday, April 12, 2023 10:30 AM (30 minutes)*

Deciding when we are good enough (including metrics) and plans to get there.

**Session Classification:** Alignment

Contribution ID: 7

Type: **not specified**

## SVT Hit Fitting & Timing

*Wednesday, April 12, 2023 11:00 AM (40 minutes)*

**Presenter:** O'DWYER, Rory (SLAC)

**Session Classification:** Reconstruction

Contribution ID: 8

Type: **not specified**

## New Detector Characterization

*Wednesday, April 12, 2023 11:40 AM (20 minutes)*

**Presenter:** GRAF, Norman (SLAC National Accelerator Laboratory)

**Session Classification:** Reconstruction

Contribution ID: 9

Type: **not specified**

## **SVT Timing Calibrations With ECal Cluster Matching**

*Wednesday, April 12, 2023 12:00 PM (20 minutes)*

**Presenter:** GRAHAM, Mathew (SLAC)

**Session Classification:** Reconstruction

Contribution ID: **10**

Type: **not specified**

## **Pass0 V0 First Look**

*Thursday, April 13, 2023 11:50 AM (30 minutes)*

**Presenter:** GRAF, Norman (SLAC National Accelerator Laboratory)

**Session Classification:** Physics Analysis

Contribution ID: 11

Type: **not specified**

## Discussion: Getting to Yes

*Wednesday, April 12, 2023 12:40 PM (20 minutes)*

Needs for an analysis pass (besides alignment)

**Session Classification:** Reconstruction

Contribution ID: 12

Type: **not specified**

## Status and Plans for MC

*Thursday, April 13, 2023 9:20 AM (15 minutes)*

**Presenter:** CAO, Tongtong (University of New Hampshire)

**Session Classification:** Monte Carlo

Contribution ID: 13

Type: **not specified**

## **Generators, GEANT, EGS etc**

*Thursday, April 13, 2023 9:35 AM (15 minutes)*

**Presenter:** MORENO, Omar (SLAC)

**Session Classification:** Monte Carlo

Contribution ID: 14

Type: **not specified**

## **Discussion: What we need in the MC for**

*Thursday, April 13, 2023 9:50 AM (20 minutes)*

**Session Classification:** Monte Carlo

Contribution ID: 15

Type: **not specified**

## **SIMPs Analysis 2016**

*Thursday, April 13, 2023 10:20 AM (30 minutes)*

**Presenter:** SPELLMAN, Alic (SLAC)

**Session Classification:** Physics Analysis

Contribution ID: 16

Type: **not specified**

## **iDM Generator For HPS**

*Thursday, April 13, 2023 10:50 AM (20 minutes)*

**Presenter:** EICHLERSMITH, Tom (UMN)

**Session Classification:** Physics Analysis

Contribution ID: 17

Type: **not specified**

## Energy Constraint with Kalman Tracks

*Thursday, April 13, 2023 9:00 AM (20 minutes)*

**Presenter:** JOHNSON, Robert (University of California at Santa Cruz)

Contribution ID: **18**

Type: **not specified**

## **Global fits for Invariant Mass Distribution**

*Thursday, April 13, 2023 11:20 AM (30 minutes)*

**Presenter:** PEETS, Emrys (SLAC)

**Session Classification:** Physics Analysis

Contribution ID: 19

Type: **not specified**

## **A Look at Event Categories (2021 Data)**

*Thursday, April 13, 2023 12:20 PM (20 minutes)*

**Presenter:** GRAHAM, Mathew (SLAC)

**Session Classification:** Physics Analysis

Contribution ID: 20

Type: **not specified**

## **Requirements for Pass1 and looking ahead to a "final pass"**

*Thursday, April 13, 2023 12:40 PM (40 minutes)*

**Presenter:** GRAHAM, Mathew (SLAC)

**Session Classification:** Physics Analysis