

# **Weekly CCE-SOP tele-conference**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Introduction/Management News

*Wednesday, 22 May 2024 11:00 (5 minutes)*

All Hands Meeting:

We expect the meeting to last 2.5 days, during which we will (among other things):

- 1) Review the impact of our Phase I and Phase II activities on our stakeholders (experiments and HPC centers)
- 2) Highlight early results and open issues from each Phase II area: PAW, SOP, SIM, and SML.
- 3) Discuss priorities and update milestones for Year 2 of the project, taking into account the input from our program manager and the report from the project review (which we should receive in the coming weeks).
- 3a) Specifically, in Year 2, we have been encouraged to increase the scope of AI/ML activities in CCE to ~25% of the total effort

We look forward to seeing you all in person at LBL or virtually.

Please fill out AHM poll.

### Summary

**Presenters:** CALAFIURA, Paolo (LBNL); VAN GEMMEREN, Peter (ANL); SEHRISH, Saba (Fermi-lab); HABIB, Salman (Argonne National Laboratory)

Contribution ID: 9

Type: **not specified**

## Tracking and aiding the evolution of ROOT I/O, in particular RNTuple

*Wednesday, 22 May 2024 11:20 (10 minutes)*

### Summary

**Presenters:** METE, Alaettin Serhan (Argonne National Laboratory (US)); BASHYAL, Amit (Argonne National Lab); CHOWDHURY, Barnali (Argonne National Laboratory); JONES, Christopher (Fermilab); RILEY, Daniel (Cornell University); KNOEPFEL, Kyle (Fermilab); NOWAK, Marcin (BNL); KORTELAINEN, Matti (Fermilab); VAN GEMMEREN, Peter (ANL); CANAL, Philippe (FERMILAB)

Contribution ID: 10

Type: **not specified**

# Reduced Precision and Intelligent Domain-specific Compression Algorithms

*Wednesday, 22 May 2024 11:30 (10 minutes)*

## Summary

**Presenters:** BASHYAL, Amit (Argonne National Lab); BHATTACHARYA, Meghna; VAN GEMMEREN, Peter (ANL)

Contribution ID: 11

Type: **not specified**

# Object Stores and Strategies for Data Placement and Replication

*Wednesday, 22 May 2024 11:40 (10 minutes)*

## Summary

**Presenters:** JAYATILAKA, Bo (Fermilab); BENJAMIN, Doug (Brookhaven National Laboratory (US)); SMITH, Nicholas (Fermilab); LATHAM, Rob (Argonne National Laboratory); ROSS, Rob (ANL); SEHRISH, Saba (Fermilab); SNYDER, Shane (Argonne National Laboratory)

Contribution ID: 12

Type: **not specified**

## Optimized Data Delivery to HPC systems

*Wednesday, 22 May 2024 11:50 (10 minutes)*

### Summary

**Presenters:** MAMBELLI, Marco (Fermilab); VAN GEMMEREN, Peter (ANL); SEHRISH, Saba (Fermilab)