

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

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Introduction/Management News

*Wednesday, 19 June 2024 11:00 (5 minutes)*

All Hands Meeting: <https://indico.fnal.gov/event/65024/>

### 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, 19 June 2024 11:20 (10 minutes)*

06/26 next RNTuple API review meeting:

RNTupleDescriptor  
RColumn/ColumnElement, RPage  
RPageStorage/Cluster and RPageSource

Would complete module list (unless I missed something).

Followed by:

- Mid review meeting, finalizing early requests to ROOT.
- Review of Error handling, exceptions, documentation.
- Considerations of performance and tuning.
- ...
- Final review meetings, produce document for ROOT.

### 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, 19 June 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, 19 June 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, 19 June 2024 11:50 (10 minutes)*

### Summary

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