



# Future Trends in Nuclear Physics Computing

## Wednesday, September 28, 2022

### Where Are We as a Community? - C-120 (9:00 AM - 12:30 PM)

-Conveners: Paul Laycock; Torre Wenaus

| time     | [id] title  | presenter               |
|----------|---|-------------------------|
| 9:00 AM  | [39] Welcome  | WENAU, Torre            |
| 9:05 AM  | [4] Where Are We as a Field?  | Dr PAPANBROCK, Thomas   |
| 9:35 AM  | [5] Discussion  |                         |
| 9:50 AM  | [2] Outcome of Previous Workshops                                       | Dr DIEFENTHALER, Markus |
| 10:15 AM | [3] Discussion  |                         |
| 10:30 AM | Coffee Break  |                         |
| 11:00 AM | [6] Status of Analysis - The Python Perspective                         | Dr PIVARKSI, Jim        |
| 11:30 AM | [7] Discussion  |                         |
| 11:45 AM | [8] Status of Analysis - The ROOT Perspective (covering Python and C++) | Dr MONETA, Lorenzo      |
| 12:15 PM | [9] Discussion  |                         |

### Where Are We as a Community? - C-120 (2:00 PM - 5:30 PM)

-Conveners: Nathan Baltzell; Ofer Rind

| time    | [id] title   | presenter         |
|---------|--|-------------------|
| 2:00 PM | [10] AI/ML for Nuclear Physics                                   | HORN, Tanja       |
| 2:30 PM | [11] Discussion  |                   |
| 2:45 PM | [12] Exascale: Status, Guidelines for Applications               | Dr SIEGEL, Andrew |
| 3:15 PM | [13] Discussion  |                   |
| 3:30 PM | Coffee Break   |                   |
| 4:00 PM | [14] Rucio-SENSE integration                                     | Dr BALCAS, Justas |
| 4:30 PM | [15] Discussion  |                   |
| 4:45 PM | [16] Open Discussion: Future Trends in Nuclear Physics Computing |                   |