

Strategic R&D
Programme on
Technologies for
Future Experiments

CERN
Experimental Physics Department



EP R&D Software

André and Vincenzo

2025-01-15

Personel News

- Graeme has stepped down as EP R&D coordinator
 - André is the WP leader
 - Vincenzo Padulano the deputy WP leader

Many thanks to Graeme for guiding the way during the many years of the EP RnD Software Work Package!

Hardware

- IT colleagues have access to an AmpereOne machine for evaluation purposes until end of January
 - Supermicro ARS-211M-NR
 - Single socket AmpereOne CPU
 - 192 cores 3.2 GHz
 - ~1TB of RAM
 - One NVMe device
- If you would like to get access to this machine, please let André and Vincenzo know ASAP

EP R&D Report

- Thank you for your contributions!
- We have passed it to our Steering Board for comments

Publications in CDS (Reminder)

- A tag has been created in CDS so that we (Giovanna) can more easily track EP R&D related publications
- In view of CHEP proceedings
- Future papers should be submitted via the
 - Use the CDS EP RDET submission form
 - CDS->Submit-> “Find where to submit”-> Research and Computing -> Experimental Physics: other experiments/projects-> Experimental Physics Papers ->EP RDET)
 - Get the CERN-EP-RDET-YYYY-XXXX number
 - Submit it to arXiv indicating the report number
 - The paper will be harvested by INSPIRE and exported/merged with the record originally
- ~~Here's a direct link to the submission form~~
 - Do not use direct link from October Meeting / EMail, does not work

EP R&D Seminars

- We should plan more talks for next year
 - Please let André and Vincenzo know and we will coordinate with Florian
 - Presentations are 25' and need to be understood by the intelligent non-expert!

Today and Future Meetings

- Today
 - Efficient analysis update by Florine
 - Core libraries update by Aaron
- Please anticipate planning for the group meetings in 2025!
 - February 12
 - March 12
 - April 16
 - **May 7 Ep RnD Day**
 - May 14
 - June 11
 - July 16
- Book your slot in the newdle! <https://newdle.cern.ch/newdle/FmkdJ6Qh>