

SAND Physics/Software Meeting

M. Tenti [Bologna]

SAND Physics/Software Meeting

03/04/2024

AlmaLinux9

- SL7 is end of life by June. it cannot run securely except in containers after that time
- FNAL systems will be upgraded to AlmaLinux 9. Consequences for how we build and run code
- dunegpvm16 and dunebuild03 already upgraded
- 10/4/2024 dunegpvm10-15 will also be upgraded
- A month later, remaining gpvms will be upgraded.
- In parallel, default container for batch jobs will also move to AL9 Instructions on how to keep SL7 are [here](#)

Meetings/events of the past week

- **28/03/2024: [BIWG meeting](#)**

- [E_ν at the muon alcove monitors](#) by Adrian Lozano:

Evaluating the muon neutrino flux at the muon alcove monitors using parent meson flux (π and K) and two body decay kinematics ($\pi \rightarrow \mu \nu$ and $K \rightarrow \mu \nu$) assuming neutrino daughter is in forward direction

- [Tau Neutrino Beam Optimization](#) by Andrew Oliver:

The goal is to optimize the beam configuration to maximize tau neutrino appearance (number of CC interactions) at FD

- **02/04/2024: Framework Task Force Meeting**

Canceled but expect a couple of emails in the near future setting up times for focused discussion meetings on key topics where we and the developer team felt we should come together to work through some questions.

Next week

Monday	Tuesday	Wednesday	Thursday	Friday
01/04	02/04 17.00 [CET]: *** CANCELLED *** Framework Task Force Meeting	03/04 10.00 - 18.00 [CET] Zoom, Agenda Workshop on workflow languages for HEP analysis 15.00 [CET]: SAND Physics/Software meeting 16.00 [CET]: Zoom, Agenda ND Sim Reco Meeting	04/04 10.00 - 18.00 [CET] Zoom, Agenda Workshop on workflow languages for HEP analysis	05/04 10.00 - 18.00 [CET] Zoom, Agenda Workshop on workflow languages for HEP analysis
08/04	09/04	10/04 15.00 [CET]: SAND Physics/Software meeting	11/04	12/04
15/04	16/04	17/04 15.00 [CET]: SAND Physics/Software meeting 16.00 [CET]: *** TBC *** ND Sim Reco Meeting	18/04	19/04

Next week

Monday	Tuesday	Wednesday	Thursday	Friday
01/04	02/04 17.00 [CET]: *** CANCELLED *** Framework Task Force Meeting	03/04 10.00 - 18.00 [CET] Zoom , Agenda Workshop on workflow languages for HEP analysis 15.00 [CET]: SAND Physics/Software meeting 16.00 [CET]: Zoom , Agenda ND Sim Reco Meeting	04/04 10.00 - 18.00 [CET] Zoom , Agenda Workshop on workflow languages for HEP analysis	05/04 10.00 - 18.00 [CET] Zoom , Agenda Workshop on workflow languages for HEP analysis
08/04	09/04	10/04 15.00 [CET]: SAND Physics/Software meeting	11/04	12/04
15/04	16/04	17/04 15.00 [CET]: SAND Physics/Software meeting 16.00 [CET]: *** TBC *** ND Sim Reco Meeting	18/04	19/04

Volunteers?