



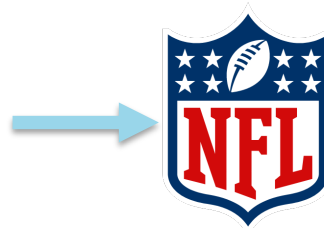
FIFE News

Ken Herner
FIFE Meeting
20 Aug 2020

*20 August 1977:
Voyager 2 launched*



*20 August 1920:
American Professional
Football Conference
founded*



News and announcements

- Inform your line management of any issues you're having in the WFH environment
- Call for projects for GHC interns next summer. Proposals should be sent to fcsi@fnal.gov by August 28! Presentations from this year's interns were earlier today
<https://indico.fnal.gov/event/44953/>
- Call for interested faculty members to come to a meeting about the Visiting Faculty Program on the 28th
 - If you know [eligible](#) faculty members (basically universities NOT on [this list](#)), have them contact Kathrine Laureto and/or [fill out this form](#)
- New remote work policies out (you do NOT need to complete a new form right now)

Personnel Updates

*Canst thou, O partial sleep, give thy repose
To the wet sea-boy in an hour so rude,
And in the calmest and most stillest night,
With all appliances and means to boot,
Deny it to a king? Then happy low, lie down!
Uneasy lies the head that wears a crown.*

- Henry IV, part 2, Act III, Scene I

- Other duties will require more of KH's time
- Lisa Goodenough has agreed to become deputy project lead

Today's talks

- Spack and Cosmosis: Marc Paterno
- Future storage layouts: all, using Steve's DUNE proposal as a starting point

Storage layout notes

- From Steve Timm last week, a proposal for DUNE:
- General agreement:
 - (A) we want to separate the capabilities of “dunepro” users from individual analysis users.
 - (B) individual analysis users shouldn’t be able to write directly to tape from a job.
 - (C) dunepro should be able to read and write everything
 - (D) individual users should be able to read everything and write a directory under the username hierarchy.
- Agreement reached so far:
 - We propose to make a test token structure such that:
 - Dunepro can read and write anywhere under our base directory on any given storage element.
 - At Fermilab dCache this is /pnfs/fnal.gov/usr/dune. At other storage elements it will be elsewhere.
 - Individual users can only write to scratch, i.e. relative scratch/users/<username> by use of tokens, and will have to use data management tools such as rucio, ifdh, or Sam4Users to get their data anywhere else.
 - This has the consequence that users could create this directory tree if it does not exist at any DUNE storage element in the world, outside of Rucio, presuming that the storage element takes capability tokens.