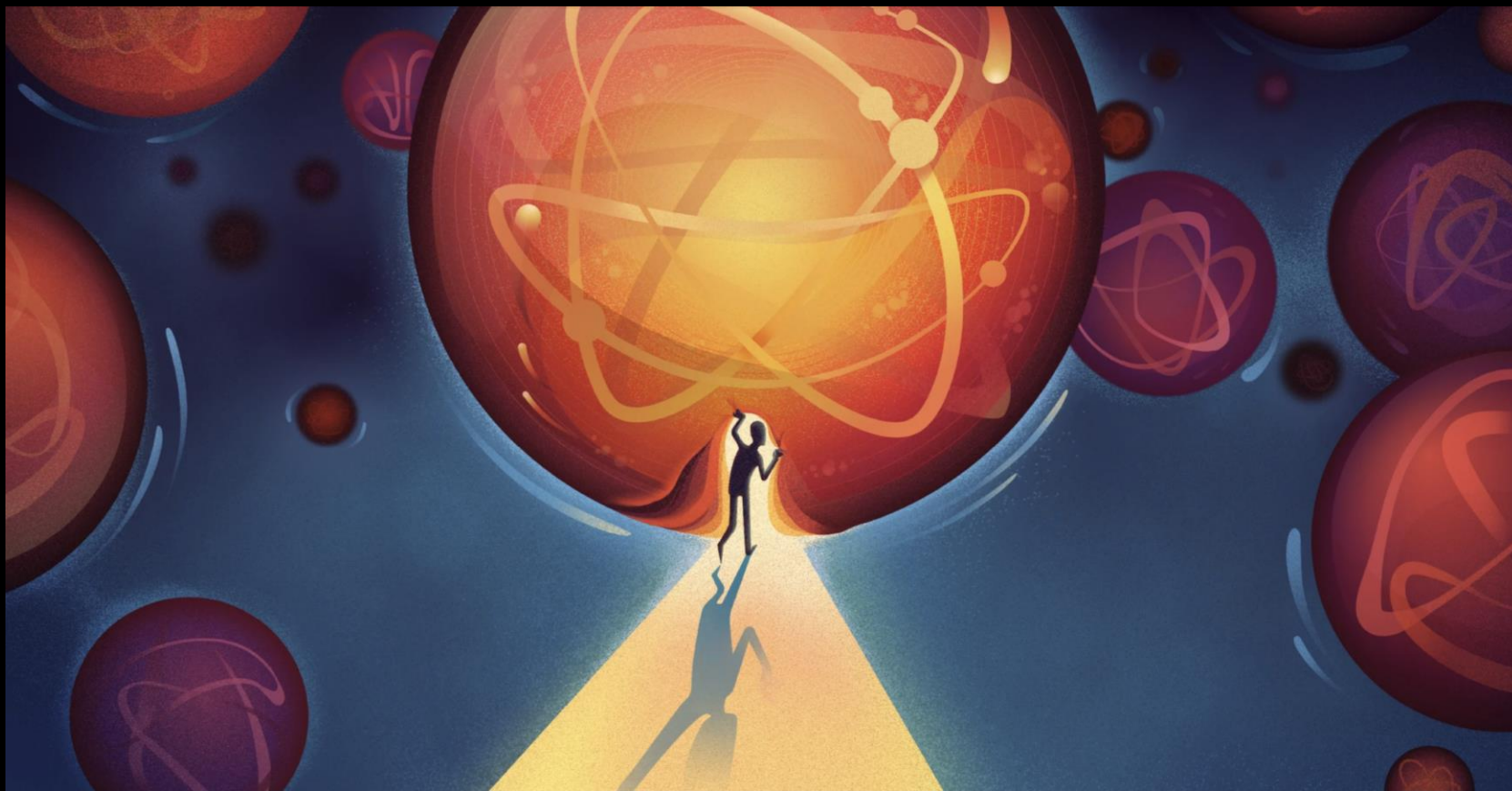




MoEDAL-MAPP Report to the LHCC Referees

September 10th 2024

James L. Pinfold for the MoEDAL-MAPP Collaboration





AGENDA

- *Installation of MAPP-1 Frontend Electronics in the October TS*
James Pinfold (Alberta)
-10 minutes
- *Installation of remaining MAPP Elements/Electronics YETS (24/25)*
- Paul Davis (Alberta)
-15 minutes
- *Installation of Outrigger in YETS (24/25)*
- Igor Ovstrovskiy (Alabama)
-15 minutes
- *QUESTIONS AND DISCUSSION (20 minutes)*



October Technical Stop 21, 22, 23

- **Replace NTDs in MoEDAL (1 Day) – Richard Soluk + Jack Lindon**
- **Install MAPP-1 Frontend Readout (3 Days)– Paul Davis, Abhinab Mukhopadhyay, Subash Behera, Richard Soluk**
 - *Richard will join this effort after MoEDAL NTDs have been changed*
 - *We have a big enough team to work in the days and evenings.*
- **Have a safety inspection to enable MAPP-1 to remain under test when the beam is on.**
- **Test on the installed electronics will start and continue until installation in YETS 2024/25**



YETS Starting November 25th 2024

- *The basic plan for MAPP-1 in the first part of the YETS is to:*
 - *Install all remaining elements of MAPP-1 in YETS 2024 & early 2025*
 - *Repair any already installed pieces that remain*
 - *Connect to the LHC clock*
 - *Call in Surveyors after work is complete*
 - *Perform a safety inspection*
 - *Start cosmic ray studies of completed detector.*



YETS February-March 2025

- *The plan for the installation of the Outrigger, starting in January 2025:*
 - *Install the support rails, in-duct cable tray and iron shielding + borated polyethylene pills in DUCT-4 of UA83 in January*
 - *Install four planes of scintillator plates +connect to electronics*
 - *Connect to the LHC clock*
 - *Call in Surveyors after work is complete*
 - *Perform a safety inspection*
 - *Start cosmic ray studies of completed detector.*