NP04 PDS data taking planning 01/02/2024

NP04 PDS data taking planning (intro)

A. Cervera IFIC-Valencia



These meetings

- We had two preparatory meetings with few people before the CM
- Starting with this one we will have weekly meetings
- Current time slot is Thursday 17:00 CERN, if there are many complains we could try to find a better time. I'll probably organise a doodle poll.





Data taking spreadsheet

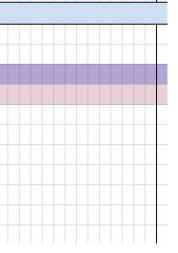
 We have created a google spreadsheet to keep track of everything, including timeline, tool preparation, run configuration, etc

> https://docs.google.com/ spreadsheets/d/ 14fpCjNZFnyq72wugfSGXdAc TrgFroA1Al2In7VeyZIY/edit? <u>usp=sharing</u>

People at CERN	
Name	Institution
Manuel Arroyave	FNAL
Renan de Aguilar	UNICAMP
Alessandro Minotti	MiB
Jason Bosa	SDSU
⁻ atma Boran	Beykent Univ.
Anselmo Cervera	IFIC
José Soto	IFIC



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Α

experiment phases

Run descrip

Software readiness

hardware readiness

Self Triggei nplementa



Things to discuss in this meeting

- Readiness of DAPHNE
- Readiness of DAPHNE/DAQ/CALIB control scripts
- Readiness of self trigger algorithms
- Calibration trigger strategies
- Readiness of calibration module
- Slow controls
- PDS shifts and experts





PDS experts

- We need to spread expertise, since as far as I know Manuel is the only expert for many things ...
- - Names and time period at CERN available in the spreadsheet
- People at CERN should be able to:
 - Initialise DAPHNE and change its configuration
 - Run start/stop
 - Access the data and quickly analyse it
 - Configure calibration module
 - Solve hardware problems with DAPHNE and calibration module



There will a PDS team at CERN during NP04 commissioning and operation



Urgent things

- Prepare for warm commissioning next week
 - IV curves, gain with LED, ...
 - Excessive calibration module (which trigger ?)
 - Exercise scripts
 - Slow controls ?



