

Riunione Mu2e Italia 18 Dicembre 2023

Introduzione

Agenda

09:30 Introduzione (SDF 10'+5')

09:45 Notizie da Fermilab (Stefano M 10'+5')

10:00 DIRAC e prove DAQ (? 10'+5')

10:15 Mezzanine e Assemblaggio Dischi (Fabio 10'+5')

10:30 Strumenti meccanici per lo spostamento dei dischi (? 10'+5')

10:45 Cooling (Fabrizio 10'+5')

11:00 Cristalli curvi (Vincenzo 10'+5')

11:15 Calibrazione con i cosmici (10'+5')

Please upload your slides on <https://agenda.infn.it/event/39020>

Outline

- New experiment schedule
- Path to integration
- Organization chart
- Housing at Fermilab

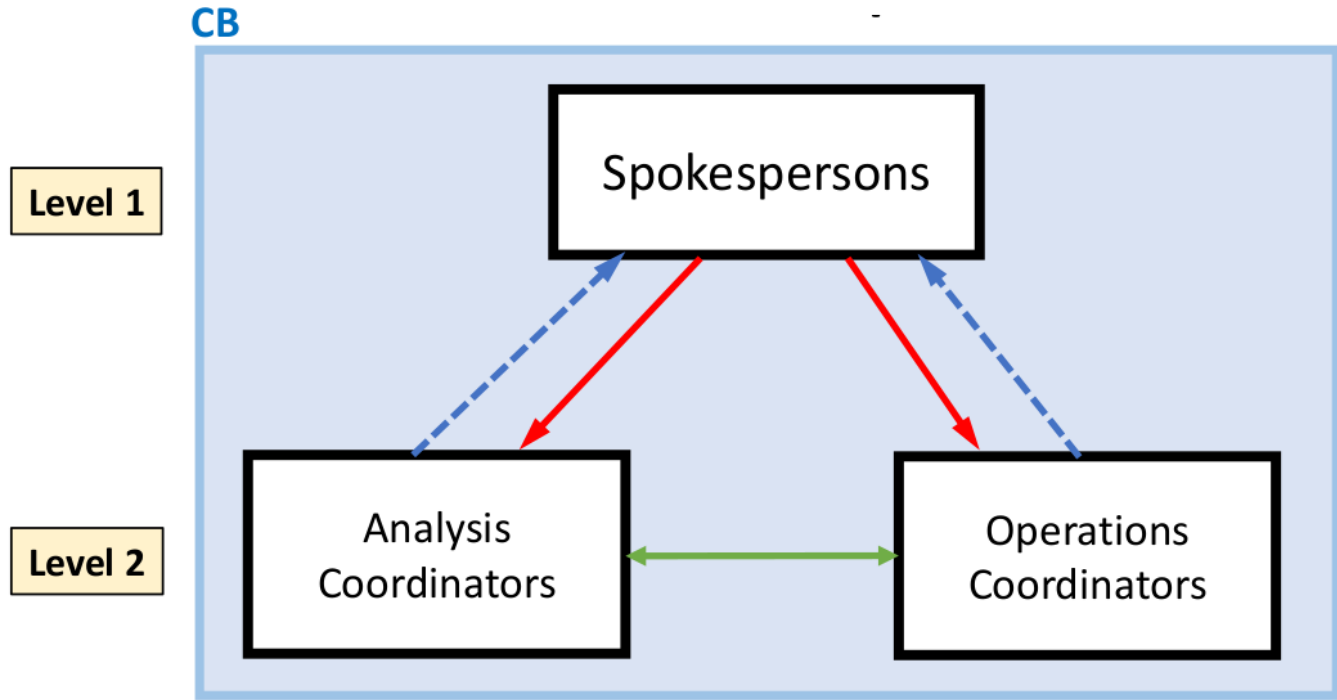
Update schedule (will be presented at PAC)

- We will be pressing for enough time to take data
- Best argument is success: Spring 2025 CR run

Path to integration: global runs

- Mar 2024 : Global Run #1 – at IERC (ROCs only?)
 - Use triggering scheme to read out Tracker, Calorimeter, CRV, STM, and ExtMon ; on/off-spill ; subrun handling; online DQM to monitor headers ; error diagnostics ; develop initial procedures
 - Offline processing?
 - Calibration? Alignment? Synchronization?
 - We will organize regular meeting towards this run: what goals do you want to achieve? (fake data? Fake slow controls?)
- Jun 2024 : Global Run #2 – at IERC
 - Attempt number 2, this time with multiple ROCs?
- Sep 2024 : Global Run #3 – at Mu2e?
- Dec 2024 : Global Run #4 – at Mu2e
- Mar 2025 : KPP Global Run – at Mu2e

Organization chart: Collaboration Board



Analysis coordinators: Dave Brown (LBL) 2-year term
Bertrand Echenard (Caltech) 3-year term

Operations coordinators: Greg Rakness (FNAL) 2-year term
Yongyi Wu (ANL) 3-year term

DAQ coordinator: Andrew Norman (FNAL)
Giani Pezzullo (Yale)

Organization chart: Detector Ops Managers

- We expect Detector Ops Managers to cover 3 primary aspects:
 - **Online software**
 - This topic effectively includes run control, DCS, DQM, performance metrics, ...
 - We may end up organizing specific groups across subsystems to address these
 - **Hardware**
 - This is presently handled within Project, but in the next ~year will transition to Ops
 - So probably Ops Managers should be 100% at Fermilab by this time
 - **Planning / reviews**
 - This is the essential function that the Ops Planning Team has been doing
 - This makes it so the person responsible to deliver the work has made the plan
- We want to have an Ops Manager for each subsystem
 - Detectors seem clear-cut (DAQ, Trk, Calo, CRV, STM, Extinction Monitor)
 - Solenoids, Accelerator, Data Processing & Computing might be a little different
- If you are interested to be Subsystem Ops Manager, please discuss with your subsystem Project L2

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New Rules for Housing at Fermilab (from FSO)

Policy for On-Site Housing Eligibility

Eligibility

- Users, interns for less than 180 days and affiliates
- FRA employees require approval by Lab Director, COO, and FSO
- Subcontractors, business visitors, federal employees, and members of the public are not eligible

Requirements for approval

- Onsite access and Travel Authorization
- Use of DOE funds must be associated with an underlying contractual agreement such as a Work Authorization approved by the DOE program, Statement of Work, International Agreement, or CRADA that *includes explicit language regarding Fermilab provision of travel/per diem*
 - *Work authorizations are the approval mechanism for FWPs, therefore FWPs must include the explicit language regarding travel/per diem*

New Rules for Housing at Fermilab (from FSO)

Policy for On-Site Housing Eligibility

Requirements and priorities

- Placement is based on the number of individuals and needs
- Individual placement for rentals less than 30 days is the dorm facilities; apartments are used once the dorms are occupied
- *House rentals will require 100% utilization (3 bedroom house must have 3 addendums with occupant names the entire time of rental) and must be more than 30 day stays*
- Payments are required at the beginning of each month

Indirect funding may not be used to pay for onsite housing

Housing at Fermilab: discussion with INFN management

Since houses cannot be payed on DOE project INFN will rent them.

The number will be optimized to ensure a very efficient occupancy.

2 for Mu2e, 1 for Icarus, 1 for g-2, 1 for DUNE (allowing interchange to maximize occupancy)

Waiting for INFN Giunta to approve a unique budget code payments will be charged on the existing

budget codes used for the house booking:

Sauk 16 (Mu2e Pisa)

Sauk 20 (Mu2e LNF)

Booking will be managed by Franco for Sauk 16 and Fabio for Sauk 20. Please contact them if you wish to stay in Mu2e houses.

Priority will be given to on site operations related to ECAL installation

Booking will be confirmed for time slots of 15 days to allow people involved in the operations to find place

A monthly planning of activities will be important and may be discussed also in these meetings

Next meeting

Let's try to announce with the proper notice next meeting.
I will send a doodle after we can back from the holidays, aiming to meet in the week of January 22.



Buon Natale e buon 2024!

Argomenti di interesse generale (II)

- Case a Fermilab

I contratti verranno prorogati fino a fine dicembre. Fino alla fine del progetto (Dicembre 2025) si può continuare così. Per dopo si dovrà probabilmente far riferimento ai Common Funds che partiranno comunque nel 2024

- Assicurazione USA

Stefano M. ne ha fatta una a pagamento e proverà a farsela rimborsare. Il progetto potrebbe rimborsare quella di chi lavora sull'installazione del calorimetro. La survey sulle esperienze non ha per ora trovato molti riscontri...