

# Infrastructure

## Magnet shimming and cassettes

- Participants: Bernard Chadaj, Olivier Jamet, Cedric Fournier
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 3
- Location: UX85
- Start: 18 May
- Support needed from EP-DT (workshop), EN-MME.

*Ready to start when supplies will be available. Require EP Workshop (production of plates). EN-MME available beginning of June.*

## Replace connectors in Maratons

- Participants: Laurent Roy, Tengiz Kvaratskheliya, Danil Pavlenko, Bruno Allongue
- Average number of people simultaneously on site: 4
- Max. number of people simultaneously on site: 4
- Location: SX8 (common lab)
- Start: 07 May
- Finish: 05 June
- Support needed from EP-ESE.
- IMPACT: 152899
- VIC: 5885 ✓

## Long and short distance cabling

- Participants: Laurent Roy, Danil Pavlenko, Tengiz Kvaratskheliya
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 3
- Location: UX85
- Start: 08 June
- Support needed from EN-HE.

## Install magnet coil stoppers

- Participants: Augusto Sciuccati, Tengiz Kvaratskheliya
- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 3
- Location: UX85
- Start: 15 June
- Support needed from EN-HE.

*After VELO RF foil installation. Second technician needed.*

## Shielding wall

- Participants: Augusto Sciuccati
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 4
- Location: UX85
- Start: 22 June
- Support needed from EN-HE, EN-EA.

*Can start only after completing long distance cable installation. Scaffolding to be dismantled.*

## Prepare pipes for VELO/UT local boxes

- Participants: Cedric Fournier, Raphael Dumps, Edyta Pilorz
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 3
- Location: SX8 (workshop)
- Start: 11 May
- Support needed from EP-DT (welder).
- IMPACT: 153207
- VIC: 5882 ✓

## Modification of metallic platforms

- Participants: Olivier Jamet
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 3
- Location: UX85
- Start: 15 June
- Support needed from EN-HE.

*Technicians needed. Dates TBD.*



## Installation of shelving

- Participants: Cedric Fournier, Contractor 1 (Mino Lorenzini), Contractor 2 (Mino Lorenzini), Contractor 3 (Mino Lorenzini)
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 4
- Locations: SXL8, B3889
- Start: 01 June
- Finish: 05 June

## Cleanroom infrastructure

- Average number of people simultaneously on site: 0
- Max. number of people simultaneously on site: 0
- Location: SXL8
- Start: 01 June
- Support needed from EN-EL, SMB.

*Electrical works (switchboard extension, power cables). Metallic structure. Only EN-EL and SMB personnel. Start date is just a placeholder.*

## Cleanroom installation

- Average number of people simultaneously on site: 8
- Max. number of people simultaneously on site: 8
- Location: SXL8
- Start: 22 June
- Support needed from EN-HE.

*Depends on travel restrictions, probably not before mid June. Requires preparatory works (EN-EL, SMB) to be finished.*

## SciFi infrastructure mechanics

- Participants: Alessandro Saputi, Rodolphe Gonzales, Norbert Adjadj
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 3
- Location: UX85
- Start: 22 June
- Support needed from EN-HE, EN-SMM.

# Muon

## nSB installation

- Participants: Oleg Maev
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: UX85
- Start: 27 April

*Once the nSB installation is finished, continue with the preparation and installation of signal and control cables for the new PAD chambers (A side).*

## Connectivity test

- Participants: **Wander Baldini, Sofia Kotriakhova**
- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 2
- Location: UX85
- Start: 08 June

## HCAL beam plug

- Participants: Augusto Sciuccati, Alessandro Saputi, Iouri Guz, Cedric Fournier, Robert Kestic
- Average number of people simultaneously on site: 4
- Max. number of people simultaneously on site: 5
- Location: UX85
- Start: 18 May
- Finish: 25 May
- Support needed from EN-HE, EN-SMM.
- IMPACT: 151388
- VIC: 5868 ✓



# SciFi

Contact: Sune Jakobsen, Xiaoxue Han

## Test of temperature readout board

- Participants: Sune Jakobsen, Xavier Pons, Maciej Stanislaw Ostrega, Marcin Andrzej Ciupinski
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 3
- Location: SXL8
- Start: 25 May
- Support needed from EP-DT.
- IMPACT: 153775
- VIC: 5911 ✓

## Assembly of vacuum cabinets

- Participants: Sune Jakobsen, Freek Sanders
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: SX8 (grey room)
- Start: 20 May
- IMPACT: 153775
- VIC: 5911 ✓

## C-frame commissioning

- Participants: Sune Jakobsen, Preema Rennee Pais, Niels Tuning
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 3
- Location: SXL8
- Start: 20 May
- Support needed from EN-CV.
- IMPACT: 153775
- VIC: 5911 ✓

*Includes test of services and development of the temperature multiplexer readout. Systematic test of services, need EN-CV (Piotr Dziurdzia) to start the Novec plant (once).*

## Front-end tests

- Participants: Andre Massafferri, Diogo Rocha-Ayres
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: SX8 (common lab)
- Start: 20 May
- IMPACT: 153775
- VIC: 5911 ✓

# VELO

## Cables

- Participants: Marko Milovanovic, Raphael Dumps, Freek Sanders
- Average number of people simultaneously on site: ?
- Max. number of people simultaneously on site: ?
- Location: Meyrin
- Start: TBD

## Slice test

- Participants: Victor Coco, Claudia Bertella, Edgar Lemos Cid
- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 2
- Locations: 168/R-G16, 168/R-B17
- Start: 18 May
- VIC: 5909 ✓



## Temperature boards

- Participants: Alexander Leflat
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Locations: 20/R-006, 21/R-047
- Start: 18 May
- VIC: 5909 ✓

*Also includes assembly of LV patch panels.*

## OPB testing

- Participants: **Manuel Schiller**
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: B20
- Start: 01 June

## Microchannel production

- Participants: **Wiktor Byczynski**, Oscar Augusto De Aguiar Francisco, Jan Buytaert
- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 3
- Locations: B20, 153/R-044 (polishing), 3/R-022 (Keyence), 14/3-006 (Keyence), 3/R-015 (clean room), B107 (metallization), 10/R-013 (chemical lab), 100/R-021 (X-ray tomography)
- Start: 01 June
- Support needed from EP-DT (cleanroom, metallization, polishing, Keyence), TE-VSC-SCC, EN-MME-MM (X-ray tomography).

# RICH

Contact: Silvia Gambetta, Christoph Frei

## RICH2 trial installation

- Participants: Christoph Frei, Didier Piedigrossi
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 3
- Location: UX85
- Start: **TBD**
- Support needed from EN-HE.

*Date and details TBD.*

## Column commissioning

- Participants: Giovanni Cavallero, Carmelo D'Ambrosio, Christoph Frei, Silvia Gambetta, Didier Piedigrossi, Antonino Sergi
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 3
- Location: B153
- Start: 04 May

# Calorimeter

## Install ECS electronics for tests

- Participants: Iouri Guz
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: UX85
- Start: 18 May

*Start TBC.*



# UT

Contact: Scott Ely

## Firmware development

- Participants: Carlos Abellan Beteta
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 1
- Location: 13/1-028
- Start: 18 May
- VIC: 5909 ✓

## Monitoring and controls development

- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 2
- Location: SXL8
- Start: TBD
- IMPACT: 153752
- VIC: 5909 ✓

*Need CO<sub>2</sub> cleaning finished.*

## Cleaning/commissioning of LUCASZ and MAUVE plants

- Participants: Michael Brodski, Aravindhan Venkateswaran, Cedric Landraud, Norbert Frank, Jerome Daguin
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 4
- Locations: SXL8, UX85
- Start: 30 April
- Support needed from TE-VSC-SCC, EP-DT.
- IMPACT: 152740
- VIC: 5834 ✓

## Stave operation

- Participants: Scott Ely, Mark Tobin, Ina Carli, Michael Brodski, Aravindhan Venkateswaran
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 3
- Location: SXL8
- Start: **TBD**
- IMPACT: 153752
- VIC: 5909 ✓

*Can start as soon as cooling is ready.*

## Assembly of SBC crates

- Participants: Petr Gorbounov
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: SXL8
- Start: **TBD**

## Cables and related infrastructure

- Participants: Carlos Abellan Beteta, Maria Del Pilar Peco Regales, Eliane Epple, Scott Ely
- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 4
- Location: SX8
- Start: 18 May
- IMPACT: 153752
- VIC: 5909 ✓

## Pigtail test

- Participants: Maria Del Pilar Peco Regales, **Nadim Conti**
- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 2
- Location: B107
- Start: 25 May

*Start late May.*



# Online

Contact: Loic Brarda

## Installation of servers

- Participants: Karol Sawczuk, Loic Brarda, Francesco Sborzacchi, Tommaso Colombo, Valerian De Carvalho, Rainer Schwemmer
- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 4
- Locations: DC, SX8
- Start: 30 April
- IMPACT: 153576
- VIC: 5875 ✓

## Data centre maintenance

- Participants: Contractor 1 (Automation), Contractor 2 (Automation), Contractor 1 (Lubron), Contractor 2 (Lubron), Contractor 1 (Stulz), Contractor 2 (Stulz), Contractor 3 (Stulz)
- Average number of people simultaneously on site: ?
- Max. number of people simultaneously on site: 6
- Location: DC
- Start: TBD

*Depends on travel restrictions, probably not before mid June.*

## Installation of fibres in the event-builder modules

- Participants: Rainer Schwemmer, Contractor 1 (Online), Contractor 2 (Online), Contractor 3 (Online)
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 4
- Location: DC
- Start: TBD