

# Activities by location

Activity		Start	End	People on site
nSB installation	Muon	27 April		1
CO <sub>2</sub> plant cleaning/commissioning	UT	30 April		3
HCAL beam plug	Muon	18 May	26 May	4
Install ECS electronics	Calorimeter	25 May		1
Long and short distance cabling	Infrastructure	02 June		3
Magnet shimming and cassettes	Infrastructure	08 June (TBC)		3
Connectivity test	Muon	08 June (TBC)		2
SciFi infrastructure mechanics	Infrastructure	08 June (TBC)		3
Motor replacement	Calorimeter	15 June		1
Modification of metallic platforms	Infrastructure	15 June (TBC)		3
Install magnet coil stoppers	Infrastructure	29 June (TBC)		2
Shielding wall	Infrastructure	06 July (TBC)		3
RICH2 trial installation	RICH	TBD		3

## SX8

Activity		Start	End	People on site
Installation of servers	Online	30 April		2
Replace connectors in Maratons	Infrastructure	07 May	29 May	4
Prepare pipes for VELO/UT local boxes	Infrastructure	11 May		1
Cables and related infrastructure	UT	18 May		2
Assembly of vacuum cabinets	SciFi	20 May		1
Assembly of SBC crates	UT	20 May		1
Front-end tests	SciFi	20 May		1

## SXL8

Activity		Start	End	People on site
CO <sub>2</sub> plant cleaning/commissioning	UT	30 April		3
Assembly of SBC crates	UT	20 May		1
C-frame commissioning	SciFi	20 May		1
Test of temperature readout board	SciFi	25 May		1
Installation of shelving	Infrastructure	03 June	04 June	3
Cleanroom infrastructure	Infrastructure	08 June (TBC)		
Cleanroom installation	Infrastructure	22 June (TBC)		8
ECS development	UT	TBD		2
Stave commissioning	UT	TBD		3

Activity		Start	End	People on site
Column commissioning	RICH	04 May		3
Firmware development	UT	18 May		1
Slice test	VELO	18 May		2
Temperature boards	VELO	18 May		1
Mirror QA	RICH	02 June		1
Cables	VELO	02 June		
OPB testing	VELO	02 June		1
Microchannel production	VELO	02 June		2
Pigtail test	UT	08 June (TBC)		2

# Infrastructure

## 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: 29 May
- Support needed from EP-ESE.
- IMPACT: 152899
- VIC: 5885 ✓

**FINISHED**

## 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 ✓

**ONGOING**



## 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: 02 June
- Support needed from EN-HE.

## Installation of shelving

- Participants: Contractor (Mino Lorenzini), Dominique Hanache, Cedric Fournier
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 4
- Locations: SXL8, B3889
- Start: 03 June
- Finish: 04 June
- IMPACT: 154210

## 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: 08 June
- 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.*

## Cleanroom infrastructure

- Location: SXL8
- Start: 08 June
- Support needed from EN-EL, SMB.

*Electrical works (switchboard extension, power cables). Metallic structure. Only EN-EL and SMB personnel. Dates to be confirmed.*

## 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: 08 June
- Support needed from EN-HE, EN-SMM.

## 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.*

## 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.*

## 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: 29 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: 06 July
- Support needed from EN-HE, EN-EA.

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

# Calorimeter

## Install ECS electronics

- Participants: Iouri Guz
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: UX85
- Start: 25 May
- IMPACT: 153912
- VIC: 5947 ✓

**ONGOING**

## Motor replacement

- Participants: **Pascal Perret**
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: UX85
- Start: 15 June

# 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).*

**ONGOING**

## HCAL beam plug

- Participants: Augusto Sciuccati, Alessandro Saputi, Iouri Guz, Cedric Fournier, Robert Kristic
- Average number of people simultaneously on site: 4
- Max. number of people simultaneously on site: 5
- Location: UX85
- Start: 18 May
- Finish: 26 May
- Support needed from EN-HE, EN-SMM.
- IMPACT: 151388
- VIC: 5868 ✓

**FINISHED**

## 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



# SciFi

Contact: Sune Jakobsen

## 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 ✓

**ONGOING**

## 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).*

**ONGOING**

## 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 ✓

**ONGOING**

## 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 ✓

**ONGOING**

# RICH

Contact: Silvia Gambetta, Christoph Frei

## 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

**ONGOING**

## Mirror QA

- Participants: **Lakshan Ram Madhan Mohan**
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 1
- Location: 169/S-030
- Start: 02 June



## 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.*

# VELO

## 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 ✓

**ONGOING**

## 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.*

**ONGOING**

## Cables

- Participants: Marko Milovanovic, Raphael Dumps
- Location: Meyrin
- Start: 02 June

*Discussions to finalise the list of long-distance cables still to be installed.*

## OPB testing

- Participants: **Manuel Schiller**
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: B20
- Start: 02 June
- IMPACT: 154264
- VIC: 5954 ✓

## 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: 02 June
- Support needed from EP-DT (cleanroom, metallization, polishing, Keyence), TE-VSC-SCC, EN-MME-MM (X-ray tomography).
- IMPACT: 154264
- VIC: 5954 ✓

# UT

Contact: Scott Ely



## CO<sub>2</sub> plant cleaning/commissioning

- 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 ✓

**ONGOING**

## 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 ✓

**ONGOING**

## 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 ✓

**ONGOING**

## Assembly of SBC crates

- Participants: Petr Gorbounov
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Locations: SXL8, SX8 (common lab)
- Start: 20 May
- IMPACT: 153839
- VIC: 5909 ✓

*Assembly of LVR crates assembly in 3852/R-002. Soldering Maraton sense contacts for LVR patch panels. Petr plans to work lunchtime to late evening.*

**ONGOING**

## 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: 08 June

## ECS 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.*

## Stave commissioning

- 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.*

# 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 ✓

**ONGOING**

## Data centre maintenance

- Participants: **Automation, Lubron, Stulz**
- 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: Contractor IT-CS
- Average number of people simultaneously on site: 3
- Max. number of people simultaneously on site: 4
- Location: DC
- Start: TBD

*Depends on the availability of the contractor (probably not before late summer).*