

Activities by location

UX85

Activity		Start	End	People on site
nSB installation	Muon	27 April		1
CO ₂ plant cleaning/commissioning	UT	30 April		3
HCAL beam plug	Muon	18 May	26 May	4
Install ECS electronics	Calorimeter	25 May	12 June	1
Long and short distance cabling	Infrastructure	02 June		3
Magnet shimming and cassettes	Infrastructure	08 June		3
SciFi infrastructure mechanics	Infrastructure	08 June		3
Motor replacement	Calorimeter	15 June	19 June	4
Installation of services	SciFi	15 June (TBC)		2
Connectivity test	Muon	22 June (TBC)		2
Modification of metallic platforms	Infrastructure	22 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
RICH cabling	RICH	TBD		1

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		2
Assembly of SBC crates	UT	20 May		1
Front-end tests	SciFi	20 May		1
Support to subdetector commissioning	Online	15 June		1

SXL8

Activity		Start	End	People on site
CO ₂ 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		
Support to subdetector commissioning	Online	15 June		1
Cleanroom installation	Infrastructure	29 June (TBC)		8
ECS development	UT	TBD		2
Stave commissioning	UT	TBD		3

Meyrin

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
Support to subdetector commissioning	Online	15 June		1
Pigtail test	UT	15 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.

ONGOING

Installation of shelving

- Participants: Raphael Robinot, 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

FINISHED

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.
- IMPACT: 151998
- VIC: 5965 ✓

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

ONGOING

Cleanroom infrastructure

- Location: SXL8
- Start: 08 June
- Support needed from EN-EL, SMB.
- IMPACT: 154814
- VIC: 5986 ✓

Electrical works (switchboard extension, power cables). Metallic structure. Only EN-EL and SMB personnel. Installation of metallic structure planned for 04/05 June, installation of power cables 11/12 June.

ONGOING

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.
- IMPACT: 140598
- VIC: 5985 ✓

ONGOING

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: 22 June
- Support needed from EN-HE.

Technicians needed. Dates TBD.

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.

Cleanroom installation

- Average number of people simultaneously on site: 8
- Max. number of people simultaneously on site: 8
- Location: SXL8
- Start: 29 June
- Support needed from EN-HE.

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

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
- Finish: 12 June
- IMPACT: 153912
- VIC: 5947 ✓

FINISHED

Motor replacement

- Participants: Pascal Perret, Guillaume Deleglise, Fabrice Peltier, Laurent Brunetti
- Average number of people simultaneously on site: 4
- Max. number of people simultaneously on site: 4
- Location: UX85
- Start: 15 June
- Finish: 19 June
- IMPACT: 141817
- VIC: 5972 ✓

ONGOING

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: 22 June

SciFi

Contact: Sune Jakobsen

Assembly of vacuum cabinets

- Participants: Sune Jakobsen, Freek Sanders, Luuk Van Nieuwland
- Average number of people simultaneously on site: 2
- 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 Novac 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

Installation of services

- Participants: Sune Jakobsen, Freek Sanders, Luuk Van Nieuwland, Preema Rennee Pais
- Average number of people simultaneously on site: 2
- Max. number of people simultaneously on site: 4
- Location: UX85
- Start: 15 June
- IMPACT: 154608
- VIC: 6012 ✓

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

ONGOING

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.

RICH cabling

- Participants: Didier Piedigrossi
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Location: UX85
- Start: **TBD**

Install long-distance fibres between D3 and detectors. Connectorize HV cables.

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.

ONGOING

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 ✓

ONGOING

Microchannel production

- Participants: Wiktor Byczynski, Oscar Augusto De Aguiar Francisco, Jan Buytaert, Nathan Jurik
- 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 ✓

ONGOING

UT

Contact: Scott Ely

CO₂ 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: 15 June

ONGOING

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 CO₂ 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

Support to subdetector commissioning

- Participants: Luis Granado Cardoso, Federico Alessio, Guillaume Wouters
- Average number of people simultaneously on site: 1
- Max. number of people simultaneously on site: 2
- Locations: SX8, SXL8, Meyrin
- Start: 15 June

Occasional on-site assistance to subdetector commissioning setups by Online experts (DAQ, ECS, TFC).

ONGOING

Data centre maintenance

- Participants: Automation, Lubron, Stulz
- Max. number of people simultaneously on site: 6
- Location: DC
- Start: 06 July
- Finish: 10 July

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).