Activities by location
<table>
<thead>
<tr>
<th>Activity</th>
<th>Start</th>
<th>End</th>
<th>People on site</th>
</tr>
</thead>
<tbody>
<tr>
<td>nSB installation</td>
<td>Muon</td>
<td>27 April</td>
<td>1</td>
</tr>
<tr>
<td>CO₂ plant cleaning/commissioning</td>
<td>UT</td>
<td>30 April</td>
<td>3</td>
</tr>
<tr>
<td>HCAL beam plug</td>
<td>Muon</td>
<td>18 May</td>
<td>26 May</td>
</tr>
<tr>
<td>Install ECS electronics</td>
<td>Calorimeter</td>
<td>25 May</td>
<td>12 June</td>
</tr>
<tr>
<td>Long and short distance cabling</td>
<td>Infrastructure</td>
<td>02 June</td>
<td>3</td>
</tr>
<tr>
<td>Magnet shimming and cassettes</td>
<td>Infrastructure</td>
<td>08 June</td>
<td>3</td>
</tr>
<tr>
<td>SciFi infrastructure mechanics</td>
<td>Infrastructure</td>
<td>08 June</td>
<td>3</td>
</tr>
<tr>
<td>Motor replacement</td>
<td>Calorimeter</td>
<td>15 June</td>
<td>19 June</td>
</tr>
<tr>
<td>Installation of services</td>
<td>SciFi</td>
<td>15 June (TBC)</td>
<td>2</td>
</tr>
<tr>
<td>Connectivity test</td>
<td>Muon</td>
<td>22 June (TBC)</td>
<td>2</td>
</tr>
<tr>
<td>Modification of metallic platforms</td>
<td>Infrastructure</td>
<td>22 June (TBC)</td>
<td>3</td>
</tr>
<tr>
<td>Install magnet coil stoppers</td>
<td>Infrastructure</td>
<td>29 June (TBC)</td>
<td>2</td>
</tr>
<tr>
<td>Shielding wall</td>
<td>Infrastructure</td>
<td>06 July (TBC)</td>
<td>3</td>
</tr>
<tr>
<td>RICH2 trial installation</td>
<td>RICH</td>
<td>TBD</td>
<td>3</td>
</tr>
<tr>
<td>RICH cabling</td>
<td>RICH</td>
<td>TBD</td>
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<tr>
<td>Installation of servers</td>
<td>Online</td>
<td>30 April</td>
<td>2</td>
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<tr>
<td>Replace connectors in Maratons</td>
<td>Infrastructure</td>
<td>07 May 29 May</td>
<td>4</td>
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<tr>
<td>Prepare pipes for VELO/UT local boxes</td>
<td>Infrastructure</td>
<td>11 May</td>
<td>1</td>
</tr>
<tr>
<td>Cables and related infrastructure</td>
<td>UT</td>
<td>18 May</td>
<td>2</td>
</tr>
<tr>
<td>Assembly of vacuum cabinets</td>
<td>SciFi</td>
<td>20 May</td>
<td>2</td>
</tr>
<tr>
<td>Assembly of SBC crates</td>
<td>UT</td>
<td>20 May</td>
<td>1</td>
</tr>
<tr>
<td>Front-end tests</td>
<td>SciFi</td>
<td>20 May</td>
<td>1</td>
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<tr>
<td>Support to subdetector commissioning</td>
<td>Online</td>
<td>15 June</td>
<td>1</td>
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<td>30 April</td>
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<td>Assembly of SBC crates</td>
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<td>20 May</td>
<td>1</td>
</tr>
<tr>
<td>C-frame commissioning</td>
<td>SciFi</td>
<td>20 May</td>
<td>1</td>
</tr>
<tr>
<td>Test of temperature readout board</td>
<td>SciFi</td>
<td>25 May</td>
<td>1</td>
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<tr>
<td>Installation of shelving</td>
<td>Infrastructure</td>
<td>03 June</td>
<td>04 June</td>
</tr>
<tr>
<td>Cleanroom infrastructure</td>
<td>Infrastructure</td>
<td>08 June</td>
<td></td>
</tr>
<tr>
<td>Support to subdetector commissioning</td>
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<td>1</td>
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<tr>
<td>Cleanroom installation</td>
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<td>29 June (TBC)</td>
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</tr>
<tr>
<td>ECS development</td>
<td>UT</td>
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<tr>
<td>Stave commissioning</td>
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<tr>
<td>Column commissioning</td>
<td>RICH</td>
<td>04 May</td>
<td>3</td>
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<tr>
<td>Firmware development</td>
<td>UT</td>
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<tr>
<td>Slice test</td>
<td>VELO</td>
<td>18 May</td>
<td>2</td>
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<tr>
<td>Temperature boards</td>
<td>VELO</td>
<td>18 May</td>
<td>1</td>
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<tr>
<td>Mirror QA</td>
<td>RICH</td>
<td>02 June</td>
<td>1</td>
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<tr>
<td>Cables</td>
<td>VELO</td>
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<td>1</td>
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<tr>
<td>OPB testing</td>
<td>VELO</td>
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<tr>
<td>Microchannel production</td>
<td>VELO</td>
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<tr>
<td>Pigtail test</td>
<td>UT</td>
<td>15 June (TBC)</td>
<td>2</td>
</tr>
</tbody>
</table>
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. Scaffold-ing 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 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
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.*
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
- IMPACT: 154264
- VIC: 5954 ✓

ONGOING
UT

Contact: Scott Ely
CO$_2$ 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.*
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).*