



CERN Status and News

Plenary RRB 59th Meeting

Joachim Mnich

October 28th, 2024

Main Discussion Points 59th LHC RRB

❑ M&O budget approvals for 2025

- ❑ Reminder: Russian institutes (not JINR in Dubna) will leave the collaborations on November 30th, 2024, following the CERN Council resolution of December 2023
Belarussian institutions left on June 27th, 2024

❑ Status & Progress Phase II Upgrades ATLAS and CMS

- ❑ Schedule and cost developments
- ❑ **New LHC schedule:** delay start of HL-LHC start by 1 year to 2030
roughly by extending Run 3 by ½ year and duration of LS3 by ½ year
- ❑ Risk mitigation: measures to reduce risk of any further delay of Phase II completion

❑ Phase IIb upgrades ALICE and LHCb

- ❑ Special meetings on Wednesday for the last time, in future part of the regular ALICE and LHCb RRB sessions

Estonia 24th CERN Member State

As of August 30th, Estonia is
24th CERN Member State

☐ CERN family October 2024:

24 Member States

Austria – Belgium – Bulgaria – Czech Republic
Denmark – **Estonia** – Finland – France – Germany
Greece – Hungary – Israel – Italy – Netherlands
Norway – Poland – Portugal – Romania – Serbia
Slovakia – Spain – Sweden – Switzerland – United
Kingdom

2 Associate Member States
in the pre-stage to membership
Cyprus – Slovenia

8 Associate Member States

Brazil – Croatia – India – Latvia – Lithuania –
Pakistan -Türkiye – Ukraine

6 Observers

Japan – Russia (suspended) – USA
European Union – JINR (suspended) – UNESCO

Flag-raising ceremony Estonia
October 17th



Other news from Council:

☐ Costas Fountas elected as next
President of the CERN Council
starting January 1st, 2025



CERN70

- ❑ Community event on September 17th
- ❑ Party with 8000 people (CERN access card and their families)
- ❑ Also > 100 events in Member States and beyond



- ❑ High level event on October 1st
- ❑ With heads of Member States, Ministers and other (V)VIPs



Symposium to honour Carlo Rubbia

- ❑ Nobel Prize winner
- ❑ Former CERN DG
- ❑ Turned 90 years earlier this year



- ❑ Symposium with excellent speakers describing his truly outstanding achievements in science: Fabiola Gianotti, Chris Llewellyn Smith, Gerardus 't Hooft, Sam Ting, Luciano Maiani and others
- ❑ See <https://indico.cern.ch/event/1450340/> for slides and recordings

Science Gateway



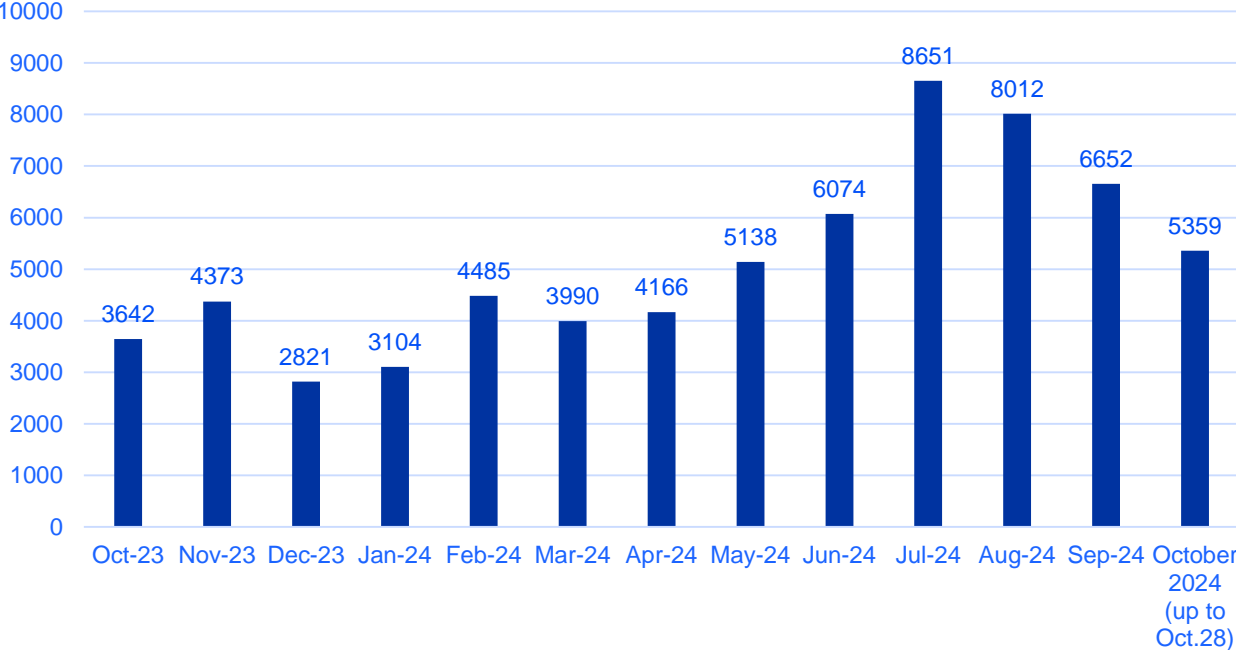
- ❑ To date > 385 000 visitors since 8 October 2023 (day of opening to the public) from 159 countries as compared to \approx 150 000/year before
- ❑ \approx 60% individuals and families, \approx 26% groups

- ❑ >4800 trainings given to >1400 individual guides (mostly users and staff)
→ many thanks to all colleagues who volunteered!

Library: Reopened in October 2023

☐ Already > 66 000 people came to use the library premises and services in 13 months

LIBRARY VISITS



Timeline Update European Strategy for Particle Physics

- Council decision on timeline of ESPP update
- Call for nominations for Strategy Secretary
- Call for nominations for ESG and PPG members
- Announcement to the community that March 2025 is deadline to submit input
- Call for venue of Open Symposium

March 2024: CERN Council started the process

June 2024: Karl Jakobs (Freiburg) appointed Strategy Secretary

March 2025: Deadline for community input

1st half 2026: Council discussions and decision



RRB Scrutiny Group Composition 2024

Frey, Ariane University of Göttingen, DE (Chairperson)

Schmidt, Burkhard CERN EP Dep. (Scientific Secretary)

Cochran, James Iowa State University, US

d'Hose, Nicole CEA-IRFU, FR

Gys, Thierry CERN EP Dep.

Marshall, Philipp SLAC, US

Pepe, Monica INFN Perugia, IT

Pöschl, Roman IN2P3, FR

Rozycka, Agata CERN FAP Dep.

Schwanda, Christoph Inst. HEP, Vienna, AT

Troska, Jan CERN EP Dep.

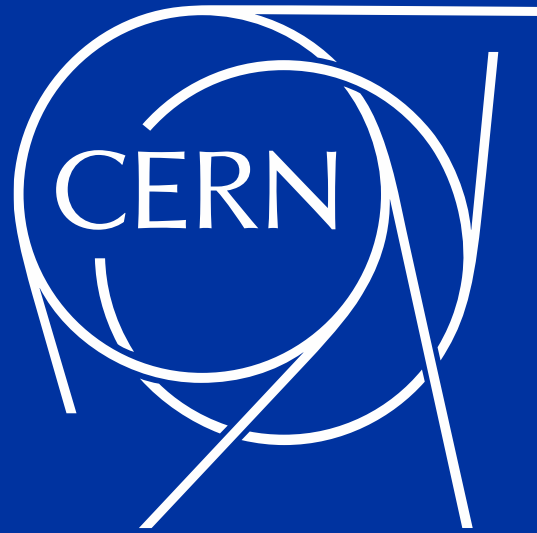
Vossebeld, Joost University of Liverpool, UK

After 3 or 6 years of service in the Scrutiny Group
Thierry Gys (CERN EP),
Roman Pöschl (IN2P3, FR) and
Christoph Schwanda (AT)

have come to the end of their mandate and should be
replaced. Many thanks for their work in the SG!

Suggestions for a new candidate from IN2P3 (FR)
and from one of the smaller CERN Member States are
very welcome for the 2025 Scrutiny cycle.

Thank you for your attention!



Backup

Collaboration with Russian and Belarus Institutions

Council Resolution December 15th, 2023:

[Council] **DECIDES** To terminate the International Cooperation Agreement between CERN and the Russian Federation, together with all related protocols and addenda, with effect from 30 November 2024;

To terminate, *mutatis mutandis*, all other agreements and experiment memoranda of understanding allowing the participation of the Russian Federation and its national institutes in the CERN scientific programme, with effect from 30 November 2024;

AFFIRMS That these measures concern the relationship between CERN and Russian and Belarusian institutes and do not affect the relationship with scientists of Russian nationality affiliated with other institutes;

AND REAFFIRMS That all decisions taken to date by the Council and all the actions undertaken by the Management remain in force.

(see <https://council.web.cern.ch/en/content/resolutions>)

Note:

- Equivalent resolution decided for Belarus: ICA termination date 27 June 2024
- Experiments will present the 2025 M&O A/B requests excluding any contributions from Russia or Belarus but including the expected contributions from JINR and **alternative tables without 2025 contributions from JINR**

Implementation of Council Resolution on Russia*

* To be applied accordingly to Belarus

Consequences of the [Council Resolution](#) on the ICA termination with Russia:

- No user status possible anymore for people affiliated to a Russian institute after the expiration of the ICA on 30 Nov 2024
- No visits to CERN

Two implementation issues have been discussed with the 4 large LHC experiments for people affiliated to a Russian (Belarussian) institute :

- Authorship: apply the rules established in the collaborations typically people sign papers for one more year after leaving the experiment
- Access to data, important for e.g. students to finish their thesis for selected people (students, advisors) and for limited time (1 year):
 - grant external status (EXTN-DIST) to keep CERN SSO indispensable for data analysis
 - extension possible, to be reviewed case by case

EXTN-DIST:

Externals with the reason DIST are entitled to a computer account, only. Other services or facilities are not available. As these persons are teleworking, for example for an official or informal project, they will not be physically present at CERN.

- Will discuss with all other CERN experiments and propose similar procedures