

Kicking-off Brazil's status as a CERN Associate Member State Governance – Recruitment – Industry – Integration

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DECRETO Nº 11.943, DE 12 DE MARÇO DE 2024

Promulga o Acordo entre a República Federativa do Brasil e a Organização Europeia para a Pesquisa Nuclear - CERN com relação à Concessão do **Status** de Membro Associado da CERN, firmado em Genebra, em 3 de março de 2022.

O PRESIDENTE DA REPÚBLICA , no uso da atribuição que lhe confere o art. 84, caput , inciso IV, da Constituição, e

Considerando que o Acordo entre a República Federativa do Brasil e a Organização Europeia para a Pesquisa Nuclear - CERN com relação à Concessão do **Status** de Membro Associado da CERN foi firmado em Genebra, em 3 de março de 2022;

Considerando que o Congresso Nacional aprovou o Acordo por meio do Decreto Legislativo nº 140, de 29 de novembro de 2023; e

Considerando que o Acordo entrou em vigor para a República Federativa do Brasil, no plano jurídico externo, em 26 de janeiro de 2024, nos termos de seu Artigo IV.1;

DECRETA:

Art. 1º Fica promulgado o Acordo entre a República Federativa do Brasil e a Organização Europeia para a Pesquisa Nuclear - CERN com relação à Concessão do **Status** de Membro Associado da CERN, firmado em Genebra, em 3 de março de 2022, anexo a este Decreto.

Art. 2º São sujeitos à aprovação do Congresso Nacional atos que possam resultar em revisão do Acordo e ajustes complementares que acarretem encargos ou compromissos gravosos ao patrimônio nacional, nos termos do inciso I do **caput** do art. 49 da Constituição.

Art. 3º A realização das despesas decorrentes do disposto neste Decreto fica condicionada ao cumprimento do disposto no § 5º do art. 17 da Lei Complementar nº 101, de 4 de maio de 2000, e do inciso XV do **caput** do art. 12 da Lei nº 14.791, de 29 de dezembro de 2023.

Art. 4º Este Decreto entra em vigor na data de sua publicação.

Brasília, 12 de março de 2024; 203º da Independência e 136º da República.

LUIZ INÁCIO LULA DA SILVA Mauro Luiz lecker Vieira

Brazil becomes Associate Member State of CERN

Brazil has become the first Associate Member State of CERN in the Americas

22 MARCH, 2024



As Brazil becomes Associate Member State of CERN, the Brazilian flag is photographed along with the CERN flag (image: CERN)

Brazil has become the first Associate Member State of CERN in the Americas, following official notification that the country has completed its internal approval procedures in respect of the <u>agreement</u> signed in March 2022 granting it that status and of the Protocol on Privileges and Immunities of the Organization. The starting date of Brazil's status as an Associate Member State is 13 March 2024.



Brazil's path as CERN Associate Member State



Discussions started in 2009, formal application in 2012, process paused in 2013, restarted in 2019. CERN Council approved Brazil's association in September 2021, Agreement signed in March 2022. Agreement ratified by Congress, promulgated by Presidency in March 2024. Association started March 13th 2024.

Brazilian nationals eligible for CERN staff, graduate, student positions; Brazilian companies can bid for contracts; Brazil's yearly contribution to CERN Budget: ~10 MCHF



Le Brésil n'est pas que le pays du foot et de la samba !

Bien que le Brésil ne soit pas un Etat membre du CERN, in groupe de l'Institut de physique de l'Université fédérale de Rio de Janeiro (UFR)) participe activement aux activités scientifiques du CERN depuis de nombreuses années. Le groupe de Rio s'est joint à la collaboration Delphi au début des années 90 et a commencé plus récemment à contribuer à la préparation des expériences LHC. Des physiciens et des ingénieurs de Rio étaient présents au CERN pour la semaine LHCb (du 14 au 18 septembre), au cours de laquelle le Comité d'examen des ressources du CERN a approuvé l'expérience.

Les physiciens de Rio participent surtout à l'expérience Delphi, à laquelle ils se sont joints dans le but de créer un in Brazil! Brazil may not be a Member State of CERN, but a group from the Physics Institute of the Federal University of Rio de Janeiro (UFRI) has been an active participant in CERN science for many years. The Rio group joined the Delphi collaboration in the early 90s and more recently, has

There's an awful lot of physics

Started to get involved with preparations for experiments at the LHC. From 14 September physicists and engineers from Rio were at CERN for the LHCb week during which CERN's Resource Review Board approved the experiment. The Rio group's main involvement is in the Delphi experiment which it joined with the aim building a coherent particle physics research group. The goal was to contribute actively to outstanding physics studies and applied projects







- Brazilian scientist Roberto Salmeron one of first CERN staff (1955)
- Formal arrival of teams in 1988 at DELPHI, hardware R&D (CBPF, UFRJ)
- Founding members of: LHCb (1989, UFRJ), ATLAS (1992, UFRJ), Antimatter program (1997, UFRJ). Joined CMS (2002 UERJ; 2003 CBPF, UNESP) and ALICE (2006, UNICAMP, USP)
- Growth of participation: ATLAS (1995 USP; 2011 UFJF; 2020 UFRN; 2021 UERJ; 2023 UFBA), ALICE (2014 UFRGS), CMS (2007 UFABC), LHCb (2001 CBPF; 2009 PUC)
- Vibrant community: **~250** researchers, students, engineers, technicians. Earliest students now are a new generation of leaders in Brazil and abroad
- Important contribution to Hardware (calorimeters, silicon sensors, gaseous detectors, cryogenic cavities, electronics); Software (trigger, firmware, AI, data centers and networks, databases at CERN with start-ups); Physics (most areas of collider physics, antimatter spectroscopy)
- Ambitious plans for the upgrades of ALICE, ATLAS, CMS, LHCb: ultrafast semiconductor radiation sensors and electronics, gaseous detectors, Al algorithms
- Social impact: low-cost ventilator for COVID-19 response

GOVERNANCE

Science for peace CERN was founded in 1954 with 12 European Member States

(Belgium, Denmark, France, the Federal Republic of Germany, Greece, Italy, the Netherlands, Norway, Sweden, Switzerland, the United Kingdom and Yugoslavia)

23 Member States

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

3 Associates Member States in the pre-stage to membership Cyprus – Estonia – Slovenia

8 Associate Member States Brazil – Croatia – India – Latvia – Lithuania – Pakistan Türkiye – Ukraine

6 Observers Japan – Russia (Through November 2024) – USA European Union – JINR (Suspended) – UNESCO

CERN Council: Representatives from -Member States (one country-one vote), -Associate Member States (no vote) -Observers (specific sessions)



CERN's annual budget: 1200 MCHF (~ medium-sized European university), fairly shared by Members and Associates (90% discount) according to their economies Employees (~56% of budget) Dec. '23: 2666 staff (21% ♀), 1002 fellows/graduates Associates Dec. '23: 12 370 users, 1513 other contributors

More than 50 Cooperation Agreements with non-Member States and Territories

Albania – Algeria – Argentina – Armenia – Australia – Azerbaijan – Bangladesh – Bolivia – Bosnia and Herzegovina Canada – Chile – Colombia – Costa Rica – Ecuador – Egypt – Georgia – Honduras – Iceland Iran – Jordan – Kazakhstan – Lebanon – Malta – Mexico – Mongolia – Montenegro – Morocco – Nepal New Zea'arid – North Macedonia – Palestine – Paraguay – People's Republic of China – Peru – Philippines – Qatar Republic of Korea – Saudi Arabia – Sri Lanka – South Africa – Thailand – Tunisia – United Arab Emirates – Vietnam

A laboratory for people around the world

Number of CERN Users by the country of their home institutes as of 31 December 2023 Students, Researchers & Technologists visiting for >5% of their working time over a 5-year window. Local communities ~3-5 times larger e.g. (under-)graduate students, engineers participating remotely or locally

Geographical & cultural diversity Users of **110 nationalities 22.5% women**

Member States 7438

Austria 86 – Belgium 129 – Bulgaria 46 – Czech Republic 252 Denmark 47 – Finland 88 – France 842 – Germany 1296 Greece 112 – Hungary 80 – Israel 74 – Italy 1609 – Netherlands 167 Norway 77 – Poland 322 – Portugal 105 – Romania 113 Serbia 38 – Slovakia 67 – Spain 413 – Sweden 106 Switzerland 419 – United Kingdom 950

Associate Member States in the pre-stage to membership **69** Cyprus 14 – Estonia 29 – Slovenia 26

Associate Member States **541** Brazil 135 – Croatia 37 – India 145 – Latvia 21 – Lithuania 17 – Pakistan 30 Türkiye 129 – Ukraine 27

Observers 3005

Japan 219 – Russia (Through November 2024) 779 – United States of America 2007



Non-Member States and Territories 1253

Algeria 2 – Argentina 13 – Armenia 8 – Australia 21 – Azerbaijan 2 – Bahrain 4 – Canada 199 Chile 34 – Colombia 21 – Costa Rica 2 – Cuba 3 – Ecuador 4 – Egypt 20 – Georgia 32 Hong Kong 15 – Iceland 3 – Indonesia 5 – Iran 11 – Ireland 5 – Jordan 5 – Kuwait 4 – Lebanon 13 – Madagascar 1 Malaysia 4 – Malta 1 – Mexico 49 – Montenegro 4 – Morocco 19 – New Zealand 5 – Nigeria 1 – Oman 1 Palestine 1 – People's Republic of China 333 – Peru 2 – Philippines 1 – Republic of Korea 147 – Singapore 2 South Africa 52 – Sri Lanka 10 – Taiwan 45 – Thailand 17 – Tunisia 2 – United Arab Emirates 7 – Viet Nam 1

Governance Roles and first Brazilian participation to June CERN Council

Governing Body, Committee, Forum	Representation, Roles	
Council	Council Delegate	
	Scientific Delegate to the Council	DIC PARTIC
	Advisor	
Scientific Policy Committee (SPC)	Scientific Delegate to the Council (as	
	observer)	
Finance Committee (FC)	(Up to) two delegates and (up to) two	
	advisors.	
	Typically includes the Industrial Liaison Officer (ILO)	
Industrial Liaison Officer (ILO) Forum	Industrial Liaison Officer (ILO)	
Joint Committee	Three standing members from the Associate	
	Member State. Experts invited as needed.	
	Typically includes the (Scientific) Delegate, their	Keekka
	Advisor, the ILO.	
Knowledge Transfer Forum (KT Forum),	KT Forum Delegate(s),	
KT Forum on Medical Applications	KT Forum on Medical Application	
	Delegate(s)	
Advisory Committee of CERN Users (ACCU)	ACCU Member	
Teacher and Student Forum	Teacher and Student Forum Member	

2024 Annual Contributions to the CERN Budget (From 2019-2021 NNI)

	Country	Percentage of Total	Amount (CHF)		Country	Percentage of Total	Amount (CHF)
-	Germany	20.57%	258 247 250		Czech Republic	1.15%	14 469 200
	United Kingdom	14.69%	184 447 050	8	Portugal	1.08%	13 515 450
	France	13.08%	164 153 900	11	Greece	0.97%	12 181 000
	Italy	9.61%	120 700 800		Hungary	0.73%	9 128 950
	Spain	6.83%	85 696 800	۲	Slovakia	0.52%	6 553 550
=	Netherlands	4.56%	57 293 700	C*	Republic of tüRkiye*	0.38%	4 770 750
•	Switzerland	3.65%	45 845 900	-	Bulgaria	0.36%	4 580 000
-	Poland	3.04%	38 196 850	B	Serbia	0.27%	3 444 800
	Belgium	2.71%	34 052 750	-	Slovenia**	0.19%	2 325 100
	Sweden	2.60%	32 589 450	c	Pakistan*	0.16%	2 018 650
=	Austria	2.18%	27 376 050	-	Estonia**	0.12%	1 462 050
¢	Israel	2.17%	27 209 350	;;	Cyprus**	0.09%	1 116 000
	Norway	2.14%	26 820 150	=	Latvia*	0.08%	1 066 250
	Denmark	1.81%	22 730 650		Ukraine*	0.08%	1 045 600
0	India*	1.41%	17 709 200		Croatia*	0.08%	1 000 000
+-	Finland	1.32%	16 541 250		Lithuania*	0.08%	1 000 000
	Romania	1.29%	16 172 600		Total	100%	1 255 461 050

Brazil's contribution (0.84960%) 10'381'700 CHF (ceiling to personnel and industrial returns)

https://fap-dep.web.cern.ch/rpc/2024-annual-contributions-cern-budget https://cds.cern.ch/record/2864553/files/English.pdf

STUDENTS & RECRUITMENT

CERN EXPENSES

Total expenses: 1228.4 MCHF 38.3% Materials 470.6 MCHF, comprising goods, consumables and supplies 265.5 MCHF, and other materials expenses (services, repairs, maintenance, etc.) 205.1 MCHF 55.9% Personnel 686.0 MCHF

1.1% Interest and financial costs 13.9 MCHF

4.7% Energy and water 57.9 MCHF

In 2021, more than 35% of CERN's budget was returned to industry through the procurement of supplies and services. CERN strives to ensure a balanced industrial return for its Member States.

CERN STAFF



Arrival and departures of Staff (in 2022)



https://careers.smartrecruiters.com/CERN/staff

>1000 current graduates/fellows at CERN. Hundreds of positions/year Early-career/experienced-graduate options. Talent pipeline at CERN











RESEARCH FELLOWS TAKE PART!

The ORIGIN Programme

A path to develop the next generation of scientific, technical, and administrative experts. Origin. Where you career begins.

It is dedicated to Early Career Professionals, based on the following eligibility criteria nationals of a <u>CERN Member or Associate Member State</u>, who never had a similar contract before at CERN:

- For profiles with a general secondary education diploma and no more than two years of post-graduation professional experience (applicants with a university degree are not eligible):
 - · in the technical field
 - in support services (Finance, HR, International Relations, Legal, etc.)
- For University Graduates profiles with a Bachelor's or Master's degree and have no more than 2 years of post-graduation professional experience.

The QUEST Programme

Deepen your knowledge and expertise faster than anywhere else on Earth.

This specific Programme is dedicated to Experienced Projects Graduates, with:

- · a Master's degree with 2 to 6 years of post-graduation professional experience;
- · or a PhD with no more than 3 years of post-graduation professional experience.

The RESEARCH FELLOWSHIP Programme

Use your expertise to hone your skills and network with world-leading experts while working on a specific research subject.

It is dedicated to **<u>Research Graduates</u>**, who have graduated, or are about to graduate, with a PhD and based on the following eligibility criteria:

- up to 3 years (for Science and Engineering positions) of post-graduation professional experience. (The selection of candidates will take place at the end of November 2024)
- up to 6 years (for Theoretical and Experimental Physics positions) of post-graduation professional experience. (The selection of candidates will take place at the end of November. The Theoretical Physics position will reopen in the summer of 2024)

>1000 current graduates/fellows at CERN. Currently open positions.

Electronics Engineer for Motion Control (BE-CEM-EDL-2024-124-GRAP) Geneva, Switzerland • BE

Arts at CERN Junior Officer (IR-ECO-APC-2024-109-GRAE) Geneva, Switzerland • IR

Software Engineer for Real Time Control Systems (BE-ICS-ACS-2024-125-GRAP) Geneva, Switzerland • BE

Medical radioactive ion beams specialist (SY-STI-RBS-2024-123-GRAP) Geneva, Switzerland • SY

Junior Radiation Protection Technician (HSE-RP-AS-2024-99-GRAE) Geneva, Switzerland • HSE

Process Engineer (SY-RF-SRF-2024-121-GRAP) Geneva, Switzerland • SY

Software Engineer (BE-ICS-STF-2024-122-GRAP) Geneva, Switzerland • BE

Junior Java Developer (integrated data-driven controls) (BE-CSS-CSA-2024-108-GRAE) Geneva, Switzerland * BE

Electronics Technician (EP-ESE-FE-2024-107-GRAE) Geneva, Switzerland • EP

Surface Finishing Technician (TE-VSC-SCC-2024-106-GRAE) Geneva, Switzerland • TE

Electron/Laser Beam Welding Technician (EN-MME-FW-2024-77-GRAE) Geneva, Switzerland · EN

ATLAS Pixel Operations Physicist (EP-ADE-TK-2024-105-GRAP) Geneva, Switzerland • EP

Computer cluster support engineer (EP-ESE-ME-2024-87-GRAE) Geneva, Switzerland • EP

Project budget monitoring & control (ATS-DO-2024-118-GRAP) Geneva, Switzerland · ATS

Technician for Database on Demand Operations Support (IT-DA-DB-2024-105-GRAE) Geneva, Switzerland • IT

Sustainable Procurement Officer (IPT-PI-SE-2024-119-GRAP) Geneva, Switzerland · IPT

Junior communications officer for IdeaSquare (IPT-DI-2024-104-GRAE) Geneva, Switzerland • IPT

Research Fellowship : Experimental Physics Geneva, Switzerland • EP Technician in microelectronics (EP-ESE-ME-2024-90-GRAE) Geneva, Switzerland • EP

Survey Engineer (BE-GM-ASG-2024-120-GRAP) Geneva, Switzerland • BE

Electrical Safety Engineer (TE-HDO-2024-93-GRAE) Geneva, Switzerland • TE

Electronics / Automation Engineer (TE-MPE-MI-2024-94-GRAE) Geneva, Switzerland • TE

Computer Security Reviewer (IT-GOV-CSO-2024-117-GRAP) Geneva, Switzerland • IT

Project Coordinator Recovery and Waste (SCE-SSC-CS-2024-111-GRAP) Geneva, Switzerland • SCE

Java Software Engineer (BE-CSS-CPA-2024-114-GRAP) Geneva, Switzerland • BE

Junior Quality Assurance Assistant (BE-EA-EC-2024-103-GRAE) Geneva, Switzerland • BE

Junior Business Application Support Specialist (FAP-BC-ENG-2024-102-GRAE) Geneva, Switzerland • FAP

Applied Physicist on Event Reconstruction (EP-CMG-DS-2024-103-GRAP) Geneva, Switzerland • EP

Electronics Engineer (BE-CEM-EDL-2024-116-GRAP) Geneva, Switzerland • BE

Metadata librarian (RCS-SIS-LB-2024-101-GRAE) Geneva, Switzerland • RCS

Library cataloguer (RCS-SIS-LB-2024-100-GRAE) Geneva, Switzerland • RCS

Early Career Professionals - University Graduates - Spontaneous Applications Geneva, Switzerland • Any

Early Career Professionals - Support Services (Finance, HR, International Relations, Legal, etc.) Geneva, Switzerland • Any

Early Career Professionals - Technical Field – Spontaneous Applications Geneva, Switzerland • Any

Mechanical Engineer (EP-DT-2024-115-GRAP) Geneva, Switzerland · EP

IT Storage Operations Engineer - Large Disk Farms (IT-SD-PDS-2024-66-GRAE) Geneva, Switzerland • IT Junior Electrical Project Manager (SCE-SAM-IN-2024-98-GRAE) Geneva, Switzerland • SCE

Land Survey Technician (SCE-SAM-TG-2024-97-GRAE) Geneva, Switzerland • SCE

Translator/Copy editor (DG-TMC-FS-2024-96-GRAE) Geneva, Switzerland • DG

Full Stack Software Engineer (Java / JavaScript) (FAP-BC-ENG-2024-92-GRAE) Geneva, Switzerland · FAP

Survey Technician (BE-GM-HPA-2024-91-GRAE) Geneva, Switzerland • BE

Research Fellowship: Applied Physics and Engineering Geneva, Switzerland • Any

Radiation Effects testing Engineer (BE-CEM-EPR-2024-113-GRAP) Geneva, Switzerland • BE

Procurement Professional (IPT-PI-SU-2024-112-GRAP) Geneva, Switzerland • IPT

Survey Engineer (BE-GM-ASG-2024-76-GRAE) Geneva, Switzerland • BE

Survey Technician (BE-GM-ASG-2024-69-GRAE) Geneva, Switzerland • BE

Mechatronics Technician for technical documentation (BE-CEM-MRO-2024-68-GRAE) Geneva, Switzerland • BE

Junior Software Engineer (Java/C++) (BE-CEM-MTA-2024-70-GRAE) Geneva, Switzerland • BE

Engineer for the EP Safety Office (EP-DI-2024-106-GRAP) Geneva, Switzerland • EP

Junior Mechatronics Engineer (BE-GM-HPA-2024-67-GRAE) Geneva, Switzerland • BE

Mechatronics Engineer for BIDs controls (BE-CEM-MRO-2024-79-GRAP) Geneva, Switzerland • BE

Optics-Electronics Engineer (BE-GM-HPA-2024-80-GRAP) Geneva, Switzerland • BE

https://careers.smartrecruiters.com/CERN/experienced-graduates

Technical Student openings

Technical Studentship - Material & Surface Science 2024-3 Geneva, Switzerland

Technical Studentship - Electrical / Electronics Engineering 2024-3 Geneva, Switzerland

Technical Studentship - General / Civil Engineering 2024-3 Geneva, Switzerland

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Technical Studentship - IT, Mathematics & Robotics 2024-3
Geneva, Switzerland
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Technical Studentship - Applied Physics 2024-3 Geneva, Switzerland

Technical Studentship - Mechanical Engineering 2024-3 Geneva, Switzerland

Qualifications

In order to qualify for a place on the programme you will need to meet the following requirements:

- · You are a national of a CERN Member or Associate Member State.
- You have completed at least 18 months of your undergraduate studies (Bachelor or Master's) at the time of the next student selection round taking place in October 2024.
- · You remain registered as a full-time student during the internship.
- · You have a good knowledge of English or French.

Your application along with all supporting documents should reach us no later than July 29th 2024 (at 23:59 CET). **

**Documents submitted after the deadline will not be taken into consideration.

Please note that your application may also be shared during the process with a panel of national experts for evaluation purposes. Ultimately, it will be reviewed by a panel of CERN experts between 29th of July and beginning of October 2024. During this period, you could be contacted for a phone/video interview or additional information. The outcome of the recruitment process will be given no later than end of October 2024.

PROCUREMENT

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CERN Procurement examples (Amounts in 2021)

- Civil engineering ~80MCHF
- Information Technology ~37MCHF
- Electronics and radiofrequency ~18MCHF
- Mechanical engineering, raw materials ~19MCHF
 - Machining, Sheet metal work and arc welding, Special fabrication techniques, Offsite engineering and testing
 - Raw materials, finished and semi-finished products (plates, pipes, etc.)

Electrical engineering and magnets ~15MCHF

- Transformers, Switchboards and switchgear, Cables, Automation, Power supplies, Magnets
- As well as:
 - Cryogenic and vacuum equipment, Optics and photonics, Particle and photon detectors, Health and safety equipment, Transport and handling equipment

How do we buy?

Off-the-shelf or non-standard products which can be produced with existing manufacturing techniques or technologies: Functional specification



Prototypes and or Pre-series might be required.



Selective tendering procedures: CERN's tenders not open to any interested firms. Registration in CERN database; qualification; invitation to tender. Crucial role of countries' ILO – Industrial Liaison Officer

Award for supply contracts: lowest-compliant bid (financial, technical, delivery) Award for service contracts: best value for money



Industrial return coefficient: % supply contracts / % contribution to budget (over 4y) Adjustments in >100kCHF contract adjudication procedures allows firms in PB, VPB states to 'align' their bid to the lowest bid if that is from a WB. Contracts might be splitted. Limited tendering allows to invite only VPB firms when sufficient competition exists



Well Balanced	Poorly Balanced	Very Poorly Balanced
WB	PB	VPB
IR ≥ 1	0.4 < IR < 1	IR <0.4
Austria Czech Republic France Hungary Italy Slovakia Switzerland	Belgium Croatia* Cyprus* Finland Germany Greece Lithuania* Netherlands Pakistan* Poland Portugal Romania Slovenia* Spain Sweden Türkiye* Ukraine*	Bulgaria Denmark Estonia* India* Israel Latvia* Norway Serbia United Kingdom

*Associate Member States

INTEGRATION

CERN - CNPEM cooperation in accelerator technology







1-year cooperation agreement signed in December 2020, renewed yearly waiting Association Joint design of components to upgrade SIRIUS' performance. Prototypes of superconductive magnets. Medical accelerators: design for radioisotope production (CERN patent). Interest in cancer therapy.

Training of Brazilian physicists and engineers in Campinas and CERN



Discussions on personnel (training) and hardware (industry) synergies, including Niobium applications

CERN and CNPq signed in June 2024 a (renewed) agreement to "enable further participation by Brazilian scientific institutes and universities, as well as Brazilian researchers and students, in CERN's research and training programmes"



Looking forward to remaining Brazilian appointments to key roles to manage Association & Integration at CERN

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	Scientific Delegate to the Council
	Advisor
Scientific Policy Committee (SPC)	Scientific Delegate to the Council (as
	observer)
Finance Committee (FC)	(Up to) two delegates and (up to) two
	advisors.
	Typically includes the Industrial Liaison Officer (ILO)
Industrial Liaison Officer (ILO) Forum	Industrial Liaison Officer (ILO)
Joint Committee	Three standing members from the Associate
	Member State. Experts invited as needed.
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	Advisor, the ILO.
Knowledge Transfer Forum (KT Forum),	KT Forum Delegate(s),
KT Forum on Medical Applications	KT Forum on Medical Application
	Delegate(s)
Advisory Committee of CERN Users (ACCU)	ACCU Member
Teacher and Student Forum	Teacher and Student Forum Member

