

Hybrid Joint Meeting of the WG9 and C12

April 15th, 2026 16:30-16:50 pm

The C12 Commission on Nuclear Physics was established by IUPAP in 1960 to promote the exchange of information and views among the members of the international nuclear physics community.

Officers

Chair

Maria Jose Garcia Borge
mj.borge@csic.es

Vice-Chair

Eberhard Widmann
eberhard.widmann@oeaw.ac.at

Secretary

Jin-Hee Yoon
jinyoon@inha.ac.kr

Distribution list

iupap-c12-members@cern.ch

**Associate Members from other commissions ??
(2025-2028)**

WG14:

Christine Darve (ESS,Sweden)

In grey members in remote

Members

- **Mitko Gaidarov** gaidarov@inrne.bas.bg
- Rituparna Kanungo ritu@triumf.ca
- Marcella Grasso marcella.grasso@in2p3.fr
- Laura Fabbietti laura.fabbietti@ph.tum.de
- Zsolt Fulop fulop@atomki.hu
- Adam Kisiel Adam.Kisiel@pw.edu.pl
- **Mathis Wiedeking**
- **Tord Johansson** tord.johansson@physics.uu.se
- Liam Gaffney liam.gaffney@liverpool.ac.uk
- Sherry J. Yennello yennello@comp.tamu.edu

Associate members

- **Diego Bettoni**, Italy bettoni@fe.infn.it
- Roberto Meigikos Anjos, Brazil rmeigikos@id.uff.br
- Satoshi Nakamura, Japan nue@nex.phys.s.u-tokyo.ac.jp
- Cedric Simenel, Australia cedric.simenel@anu.edu.au

Names in red from in C12 were already in the Committee



Stefano Fantoni *Secretary General for Admin Affairs*

Sandro Scandolo *Deputy Secretary General*

Gabriella Marra *IUPAP Secretary*



In 2024 IUPAP moved its **administrative offices** at the first floor of *SottoStazione Elettrica (SSE)* building of **Porto Vecchio**.

Ariella Kranjek *FIT Secretary*



Francesca Zavino *IUPAP Communication*



Contacts:

secretariat@iupap.org (all administrative matters)

communication@iupap.org (Web updates, newsletter, etc.)



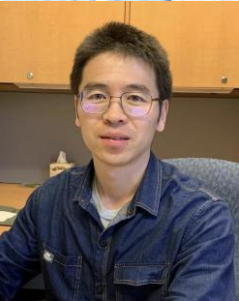
"For his relevant and innovative contributions for precision measurements in nuclear beta decay to search for new physics beyond the Standard model".

Leendert Hayen studied physics at KU Leuven, Belgium,. In 2023, Leendert was awarded **the prestigious Chaired of CNRS at LPC Caen (France)**



“For her innovative studies of exotic nuclei using in-beam gamma spectroscopy with fast radioactive isotope beams, including the development of a novel target and recoil-particle detection system.”

Hongna Liu, Dr. Hongna Liu has been a faculty member at Beijing Normal University, China



“For pioneering ab initio nuclear theories that extend precision calculations to heavy and strongly deformed nuclei—advancing our understanding of nuclear structure, dense nuclear matter, and physics beyond the Standard Model.”

Baishan Hu Ph.D. degree from Peking University, China, in 2017. post-doc in Pekin Univ, TRIUMF and Oak Ridge. **Since 2024, he has been a research assistant professor at Texas A&M University, College Station, USA.**

Agreement between IUPAP and Frontier of Physics to offer the winners the possibility of submitting a Mini-review:

Bai-shan submitted at the end of October. The paper was rejected and now he plan to submitted again

Hongna Liu submitted at the end of December and is accepted

The IUPAP Interdisciplinary Early Career Science Prize (IECSP) recognizes the contributions of ECS who carry out and/or facilitate interdisciplinary research that does not fit within a single field of physics covered by one of the IUPAP Commissions. In view of the start of International Year of Quantum (IYQ) and the Decade of Science for Sustainable Development (DSSD), nominations pertaining to these areas are encouraged.

Up to two winners will be selected for the IECSP ([one each for 2024 and 2025](#)), which would be presented at the IUPAP General Assembly to be held in 2025. PhD defended from 2016 and on.

The nominee should be the principal contributor to the original work of outstanding scientific quality in an interdisciplinary area that spans at least two physics fields.

The Nomination Letter should state the fields of physics that are impacted by the research of the nominee. This letter should list at least two IUPAP Commissions, Affiliated Commissions or Working Groups that specialize in those fields.

The nomination should be sent to secretariat@iupap.org with the Subject: "Interdisciplinary Early Career Science Prize" by **May 30, 2025**. **Every two years**

Some of our candidates could have perfectly been presented in this call

Type	Conditions	Support
A – General Conference, Around 10/y	large general meeting of 750 – 1000 attendees covering an entire field (i.e. the area covered by the commission). Deadline June 1st	11.500 € incl. 5.000 € travel grant
B – Topical Conference, Around 12 /y	300 – 500 attendees on a subset of topics. Deadline June 1st	5.000 €
C – Special Conference	50 – 200 attendees on a specialized topic, and may be a workshop	Only endorsement
D – Workshops in developing countries	Applications through C13. Deadline June 1st	

- Source: IUPAP web page [Application for Conference Sponsorship](#)
- Conditions
 - Free circulation of scientists
 - Harassment officers
 - Gender balance: quota in all committees (>20%) and in invited speakers
 - Have proceedings
 - Host in different Countries

Nuclear Structure 2026

27 – 31 July 2026

Simon Fraser University, Vancouver, BC, Canada

Endorsement

The 5th International Conference on Advances in Radioactive Isotope Science: ARIS 2026

June 1-7th, 2026

Fukushima, Japan

Organiser: Nori Aoi

<https://uia.org/s/ca/en/1300597886>

Proceedings: Journal of Physical Society of Japan (JSPJ).

The proceedings will be in open access and only the online version will be provided. **Organise Public lectura**

A

13th Latino American Symposium on Nuclear Physics and application

Sao Paulo, December 7-10, 2026

Organiser: Nilberto Heder medina

Number of Participants: 150

B

The 59th Zakopane Conference on Nuclear physics,

30/8 – 6/9/2026

Zakopane, Poland

Endorsement

Direct Reactions with Exotic Beams: DREB 2026

June 21-26, 2026

Organiser: Jie Chen

Shenzhen, Guangdong, China

<https://indico.global/event/14776/>

Proceedings: No,

Endorsed by IUPAP before.

Endorsement

The 13th Int Conference on hard and Electromagnetic probes of High Energy Nuclear collisions (Hard probes 2026)

31/5 – 5/6/2026

Vanderbilt University, Nashville, Tennessee USA

Organiser: Julia Velkovska

B

Nuclear Physics in Astrophysics (NPA XII)[A conf of EPS NP board]

July 7-11th, 2026

Cluj-Napoca, Romania

Organiser: Dimiter Balalanski

Endorsement

5 Candidatures for INPC 2028 from 3 different continents!!



The international conference on nuclear physics in Rome 11–18 October 1931. In the foreground Robert Millikan, Arthur Compton, Marie Curie, Guglielmo Marconi, and Niels Bohr. Millikan, Compton and Bohr all became engaged in the naming of the new elementary particles which appeared over the next decade. Courtesy: Niels Bohr Archive, Photo Collection



The winner was **FRANCE**
INPC 2028 in Deauville



Local organizing committee

GANIL Caen
Fanny Farget
Caterina Ciampi
Jean-Eric Ducret
Sabrina Lecerf
Magali Tencé
Stéphanie Pupin

- **LPCC Caen**
- Olivier Lopez
- Leendert Hayen
- Antoine de Roubin
- Diego Gruyer
- Adrien Matta

LP2IB, Bordeaux
Jérôme Giovinazzo
Maud Versteegen



IJCLab Orsay

Jon Wilson
Vladimir Manea

IPHC, Strasbourg

Sandrine Courtin
Maelle Kerveno
Marcel Heine
Benoit Gall
François Didierjean

CEA Irfu DPhN, Saclay

Audrey Francisco
Hervé Moutarde

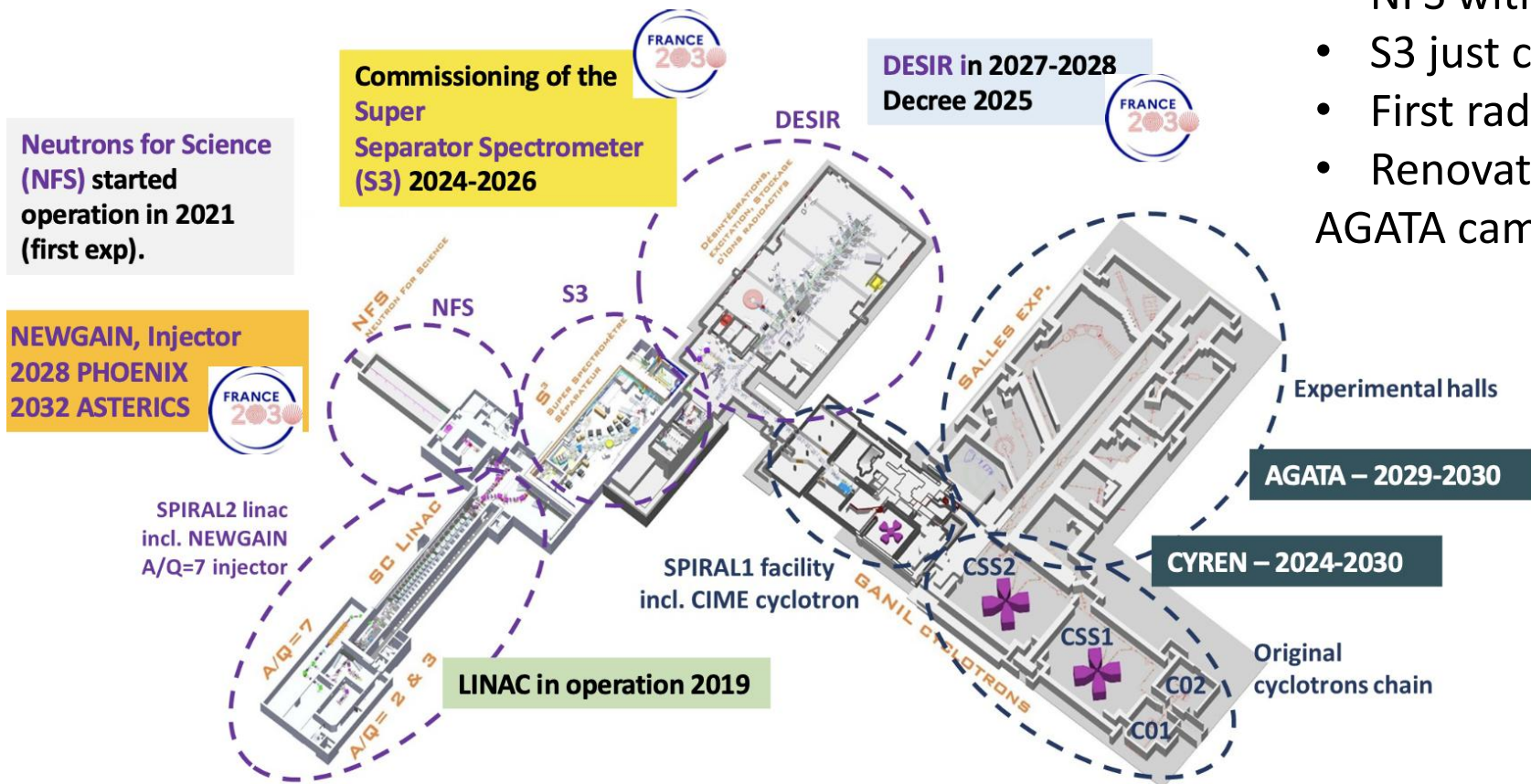
CEA DAM, Bruyères le Châtel

Julien Taieb
Sophie Peru

CEA DES, Cadarache

Cédric Jouanne
Olivier Sérot

GANIL Horizon 2030



- Linac in operation since almost 10 years
- NFS with a solid experimental program
- S3 just commissioned
- First radioactive ion beams in DESIR
- Renovation of cyclotrons preparing the AGATA campaign



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IYQ2025

FIRST IUPAP-UNESCO INTERNATIONAL COLLOQUIA ON PHYSICS FOR SOCIETY

Monday, 14 April 2025
12:00 pm (GMT)

WITH PROF. ANNE L'HUILLIER, PHYSICS NOBEL LAUREATE (2023)




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INTERNATIONAL YEAR OF Quantum Science and Technology

IUPAP

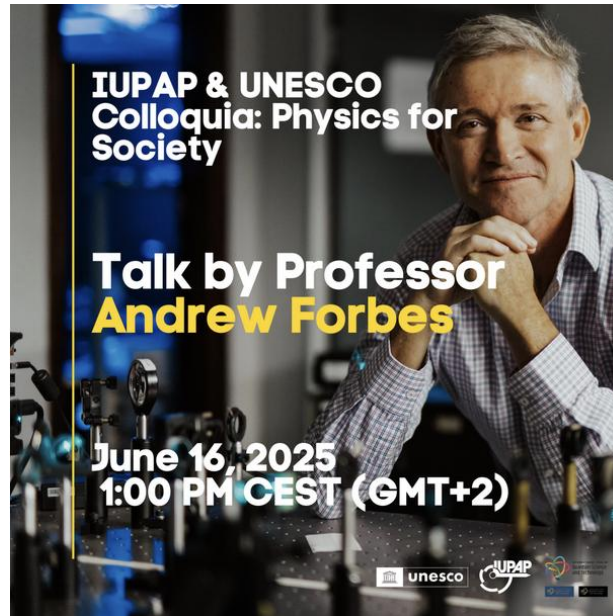
Second Webinar: IUPAP/UNESCO Physics for Society Colloquium Series

Illuminating Innovation: Synchrotron Science, Quantum Frontiers, and Africa's Scientific Future

27 May 2025
13:00 - 14:30 (CEST)
Online via Zoom



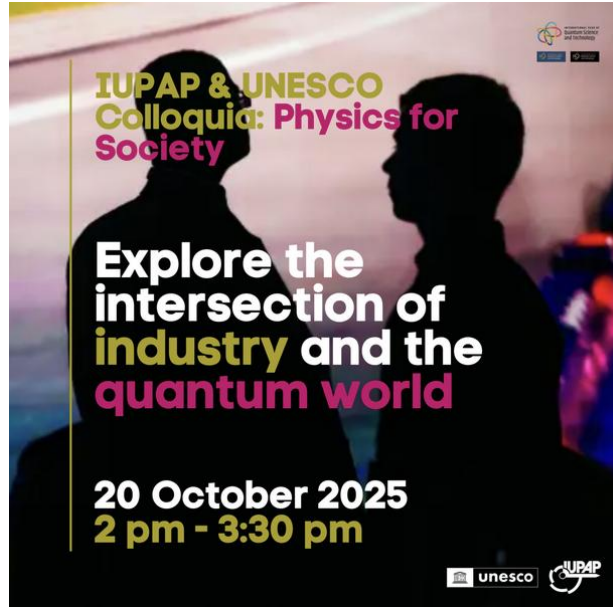
REGISTER NOW



IUPAP & UNESCO Colloquia: Physics for Society

Talk by Professor Andrew Forbes

June 16, 2025
1:00 PM CEST (GMT+2)



IUPAP & UNESCO Colloquia: Physics for Society

Explore the intersection of industry and the quantum world

20 October 2025
2 pm - 3:30 pm



IUPAP **unesco**

5th IUPAP & UNESCO colloquia Physics for Society
December 15th - 14:00 CET

"Quantum Views" by Alain Aspect and William D. Phillips
Nobel Laureates in Physics
Moderator: Luis A. Orozco University of Maryland, USA

To celebrate the International year of Quantum Science and Technology

The seminars will continue from May on based on subject related to sciences for sustainable development, Stay tuned!!



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International Decade of Sciences for Sustainable Development (2024-2033)

Fostering science for all

- ❑ Commission Conferences as platforms to increase the visibility of IUPAP within the physics community
 - ❑ To this end → request that conference organizers include in the registration process a consent box to receive IUPAP communications. We will also produce an official IUPAP communication package that will be provided to the organizers to be showcased at IUPAP supported conferences

- ❑ To increase IUPAP's visibility within the physics community, the next in-person GA, scheduled for 2027, will be organized in conjunction with an International Conference on Physics.
 - ❑ The EC selected the proposal of the South African Institute of Physics (SAIP), in partnership with the Southern Africa Physics Network (SAPhysNet) representing the Southern African Development Community (SADC) countries.

- ❑ IUPAP Organization and membership:
- ❑ The WG are revised → two new types of structures:
 - ❑ Standing Committees under VPs → created to advance with many of the transversal issues of interest for IUPAP

The creation of the position of Vice-President at-large for Physics Outside Academia in the Executive Council and the transformation of the current Working Group on Physics and Industry into a Standing Committee under the supervision of this VP.

- ❑ Standing Committees under Commissions → created to formalize what has been happening with several Working Groups that have existed for many years which are venues where representatives of research facilities/infrastructure of a given type get together and discuss their future.

Momentarily, the current WGs that became Standing Committees (WG1, WG7, WG9, WG11) will keep their current structure, but **they are charged** with submitting current or updated versions of their Bylaws or Terms of Reference for the approval of the EC by the **end of October 2026**

- **Any plan for addition to Report 41?** Important to have the following information:
 - A summary of the strategy reports on 2024 Long Range Plan (NuPECC) A new Era of discovery: 2023 Long Range plan for Nuclear Science (DoE), Canadian Subatomic Long Range Plan 2022-26 (Canada) etc,...
 - Gender balance in the different facilities,....
 - Open Data policies
 - Sustainability
- Study their proposed Term of References

- Discussion / Approval of the Terms of References of WG9
- Proposals of the new Officer Team : Chiar Vice-chair and secretary to be submitted before the GA October 2026

Initiatives

1. C12 + WG9 should meet jointly periodically. C12 and WG9 should identify and agree jointly on strategic tasks to undertake for and/or at the nuclear physics labs. The second reason being a report from WG9 to C12.
2. C12 should take on a more active role in proposing the strategic steps for WG9 to address. This is important for IUPAP to see value in the continuation of the commission.