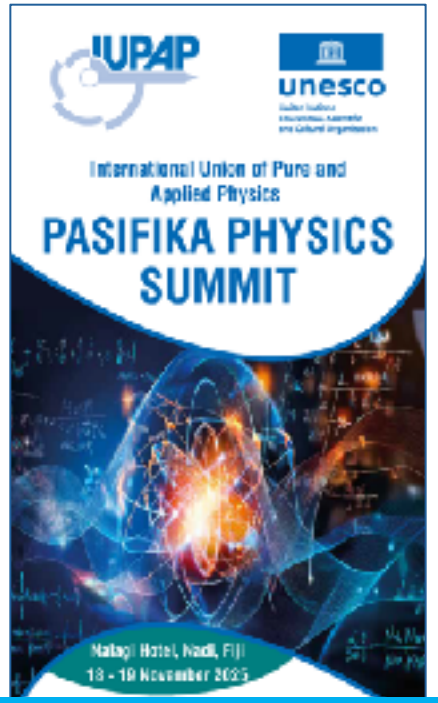
# The UNESCO-IUPAP joint Pacific Island Nations Physics Week

## Pasifika Physics Summit

- Seeking a regional physical society and IUPAP membership
- Sustainability theme
- Strategic approach
- Task Teams formed




## Entrepreneurship bootcamp




- 5 intense days with Surya Raghu and venture capitalists on innovation, local law, intellectual property…
- Best pitch won a prize, IAPS contributed

Samoa, Tonga, New Caledonia, Solomon Islands, Papua-New Guinea, Vanuatu, Kiribati
Fiji as hosts
With the help of ICTP and sponsors brought together over 40 young and senior scientists

**International Year of Quantum Science and Technology 2025 – Closing Ceremony**

Accra, Ghana (10–11 February 2026)

- Africa's central role: Ghana spearheaded the UN resolution, co-sponsored by 71 countries
- Equitable access and capacity building: Strong focus on education, training, entrepreneurship, and creating opportunities for Africa's young population, highlighted by Peter Haynes (Imperial College London).
- Keynotes by Michele Dougherty (University of Cambridge, UK Astronomer Royal) and Heike Riel (IBM Research, President-elect of the German Physical Society), + panels on innovation, international cooperation, and education.
- IUPAP–IYQ 2025 photo competition, winning entries were exhibited in Accra.
- Looking beyond 2025: Launch of the UNESCO-led Global Quantum Initiative





# Quantum Diplomacy in Action

May 2026

## GESDA convenes global leaders in Geneva to advance inclusive governance of quantum technologies

IUPAP represented by IUPAP's Past President, Michel Spiro, and Chair of SC on Physics outside Academia, Chris Rossel



**2026 Global Conference of the International Decade of Sciences for Sustainable Development (IDSSD**

**15 July 2026 - 10:00 am - 15 July 2026 - 6:00 pm**

**Location**

UNESCO Headquarters, Paris, France

IUPAP represented by IUPAP's Past President, Michel Spiro, and Chair of C15, Jaewook Ahn



# The Global Quantum Initiative

## Global Quantum Initiative for Sustainable Development (GQI)

A UNESCO-led partnership connecting governments, research institutions, educators, industry and civil society to widen access to quantum knowledge and resources.

Launched in Accra, Ghana, in February 2026, following the International Year of Quantum Science and Technology 2025 (IYQ 2025). Initial programme: 2026–2028.

IUPAP representatives:
Jaewook Ahn, Chair of IUPAP C15
Gloria Platero, Chair of IUPAP C8




Sources: UNESCO GQI; IUPAP IYQ2025 overview. Photo: Sandro Scandolo / IUPAP.

# 2nd Inter. Acc. Conf. on Research and Innovations, IAEA
Vienna, 24 June 2026.

IUPAP presence: stand with printed material, 4 awards for best presentations by Early Career Scientists

IUPAP represented by IUPAP's Treasurer, Boris Sharkov, and Chair of WG14, Christine Darve




More than 500 scientific experts from over 70 countries gather in Vienna for th
Conference. (Photo: M. Klymenko/IAEA)






# IUPAP&UNESCO International Colloquia on Physics for Society

Launched within the framework of the International Year of Quantum Science and Technology (**IYQ 2025**), and the International Decade of Sciences for Sustainable development (**IDSSD 2024-2033**)




The series brings together global experts to explore advances in quantum science, foster cross-disciplinary collaboration, and support progress toward the UN Sustainable Development Goals.




IUPAP's participation: IUPAP President, Silvina Ponce Dawson, IUPAP President Designate, Sunil Gupta, IUPAP representative on COSPAR Council, Pietro Ubertini.

It served to strengthen the relationship between IUPAP and COSPAR, increase the presence of IUPAP among the space science community, led to the signing of an MOU between both organizations that will hopefully lead to various joint activities.



# Beijing Science Dialogue and ISC mid-term meeting
# October 19-23, 2026

IUPAP's President (Silvina) and President Designate (Sunil) participated in this meeting. They also used the opportunity to meet with CPS representatives to discuss issues of common interest.






Meeting with CPS




Session on "Current Challenges in Space Research" co-organized with COSPAR, IAU and the Chinese Society of Space Research (CSSR).



Meeting with the Chinese Vice-Premier Ding Xuexiang



Talk with the recently inaugurated ISC President, the Dutch physicist, Robbert Dijkgraaf, and ISC VP, Marcia Brbosa.

Agreement with Frontiers in Physics to publish a Special Topic issue with mini-review contributions by recipients of IUPAP's ECSPs (2024-2026).

## IUPAP Early Career Scientist Prizes 2024–2026: Outstanding Contributions to Pure and Applied Physics

MOUs with various organizations:

- Already signed: CERN, CLAF, COSPAR .
- About to be signed: FIT.
- About to finalize the agreement with the counterpart and update slightly the MOUs: AC5, AC6
- possible future MOUs with UNESCO and IAEA

Meeting with representatives of the physics communities in Latin America and the Caribbean

Agreement to incorporate the Latin American Center for Physics, CLAF, as an IUPAP Corporate Associate Member. MOU signed on Tuesday.

