

Resolutions regarding Working Groups

One-year extension of all existing Working Groups, but one.

In view of the internal and external evaluations that IUPAP is currently undergoing with the aim of deciding on its future structure and actions (see reports) it is resolved that the existence of the following Working Groups:

- WG1: International Committee for Future Accelerators (ICFA)
- WG5: Women in Physics
- WG7: International Committee on Ultrahigh Intensity Lasers (ICUIL)
- WG9: International Cooperation in Nuclear Physics (ICNP)
- WG11: Gravitational Wave International Committee (GWIC)
- WG13: Newtonian Constant of Gravitation
- WG14: Accelerator Science
- WG15: Soft Matter
- WG16: Physics and Industry
- WG18: Working Group on Ethics
- WG19: Working Group on Quantum Science and Technology
- WG20: Working Group on open science
- WG21: Working Group Physics for Climate Change Action and Sustainable Development

be extended until the 34th General Assembly to be held in 2025. The duration of WG19 is further extended through the end of 2025 to fulfill its renovated mandate.

Working Group on Open Science, WG20

The 33rd IUPAP General Assembly approves the appointment of:

- *Alex Hansen, Norwegian University of Science and Technology*, as Chair of the Working Group on Open Science (WG20) and charges him with starting the organization of the corresponding working group.

Working Group on Quantum Science and Technology, WG19

In view of the proclamation of 2025 as International Year of Quantum Science and Technology (IYQ2025) by the UN (<https://quantum2025.org/en/>) and the report presented by WG19 to the 32nd IUPAP General Assembly with the recommendation to create an IUPAP Commission in the field, the mandate of IUPAP's Working Group on Quantum Science and Technology, WG19, is renovated with the following charge:

- To coordinate the participation of IUPAP in IYQ2025 together with the Chairs of IUPAP Commissions on fields related to those of this International Year.
- To collaborate with WG16 on Physics and Industry to liaise with and engage companies with interest in Quantum Science and Technology in the activities related to IYQ2025.
- To consider the external and internal evaluation reports and, based on their recommendations, design, together with the Chairs of IUPAP Commissions on fields related to those of IYQ2025, a roadmap to advance with the creation of a Commission on Quantum Science and Technology and the organization of an International Conference on the subject. The proposed roadmap should be presented to the 34th IUPAP General Assembly to be held in 2025.

Creation of new Working Groups

We notice and thank the proposals submitted by the US Liaison Committee to create a Working Group on “*Artificial Intelligence/Machine Learning Methodologies for Physics and Physics for AI/ML*” and another in the field of *Major Neutron Research Facilities* (see documents). We are grateful to the US LC for its active involvement in the matters of IUPAP

which helped the Union advance along several lines. This time, in view of the internal and external evaluation that IUPAP is currently undergoing and the restructuring process that will follow, the 33rd IUPAP General Assembly agrees to postpone the decision to create these Working Groups to the 34th General Assembly to be held in 2025. The creation could be advanced by the EC on an interim basis before the 34th GA if needed. The decision will be based on the analysis of the reports of the internal and external evaluations and the recommendations stemmed from them.