



**Activity report**  
**for the period October 2023 to September 2024**

# Representation in other bodies

- International Science Council (ISC)
  - and via this membership also in CODATA
- The International Year of Basic Sciences for Sustainable Development
  - formally closed with a full day [programme](#) in CERN's new Science Gateway
- The International Year on Quantum Science and Technology (2025)
  - President Designate member of the Steering Committee
- The International Decade for Sciences for Sustainable Development (2024–33)
  - in response to this The Earth-Humanity Coalition, hosted by IUPAP, was established
- Standing Committee for Gender Equality in Science
  - IUPAP Gender Champion is on the Annual report Task Group of the Committee

# Globalizing physics

- Roberto Lalli and Jaume Navarro, chair of Affiliated Commission 6, were tasked to edit an academic volume on the history of the IUPAP—the book is out!
- Lalli and Navarro also published “*When physicists strove for peace: past lessons for our uncertain times*” in [Nature](#) in September this year, discussing science for peace and the role of IUPAP in an historic perspective.
- In April 2023 the President represented the Union in the roundtable “*Sanctions in Science—One year of sanctions*”, organized by the loose network Science4Peace. Following this event there have been sporadic interactions between the participants. The discussions resulted in the paper “*Alleviating the consequences of sanctions in international scientific cooperation*” (<https://arxiv.org/abs/2403.07833>), which all authors signed without indicating their affiliation.

# Conferences

- Conferences supported in [2023](#) and [2024](#)
- It has not been reported that any of the IUPAP sponsored conferences have prevented participation from any territory
  - but there are countries that take unreasonable long time to process visa applications
  - the possibility to participate at conferences using IUPAP as their affiliation remains open
- The African School of Fundamental Physics and Applications took place in Morocco, on July 7-21, 2024. The school has evolved to be much more than a regular school—it is a programme of actions with directed ethos toward physics as an engine for development in Africa.

# Equity, diversity and inclusion

- Addressing the aspects of equity, diversity and inclusion in physics is high up on the IUPAP agenda. The Union has a dedicated Gender Champion who takes special of these matters. In 2024 Working Group 5 Women in Physics celebrates 25 years of existence with a solid symposium as part of the General Assembly in Heikou. The chair of the working group represented IUPAP at “*Increasing Diversity and Inclusion in Science: Proposals to Boost STEM Participation in Underrepresented Groups*”.

# Special actions

- IUPAP sent a letter of support for the integrity of Argentina's science system. The Executive Council believe it was an important action, but no reaction has been recorded.
- IUPAP was represented by the President and the Secretary General for legal and financial affairs in a roundtable organized by the American Physical Society. As a result, IUPAP co-signed a set of [Principles and policies for international scientific collaboration](#). The statement was presented for the first time at the closing ceremony for the International Year of Basic Sciences for Sustainable Development.
- IUPAP co-sponsored the Memorial Service in honor of Professor Tsung-Dao Lee, an event that gather an enormous interest in the digital sphere in addition to those who were physically present.

# Prizes

- The Commissions invest substantial work in evaluating candidates for prizes. Many of them have also been invited to give presentations at the flagship conferences within their respective discipline.
- In 2023 the Union awarded for the first time the Interdisciplinary (inter-commission) Early Career Scientist Prize.
  - Evelyn Tang and Stefano Martiniani will both give presentations at the Inter-Commission Symposium in Heikou.
- The 2022 Henri Abraham award was given to Judy Franz and Lev Shchur at the 2023 General Assembly.
- The IUPAP Kennedy Reed Medal for Outstanding Contributions to the Enhancement of Physics in Developing Countries was given to Malik Maaza and was presented yesterday
- In addition to its own prizes, IUPAP regularly nominates candidates for prizes handed out by other bodies.

# Commissions and Working Groups

- All the Commissions seem to function well—holding regular meetings, proposing conferences for sponsorship and endorsement, hand out prizes etc.
- Establishing the International Association for Physics Students (IAPS) as an affiliated commission has proved to be a very productive way of collaborating. IAPS brings in young minds in various IUPAP activities, a diversity aspect that often makes a big difference.
- Most of the Working Groups seem to function well. WG16 (Physics and Industry) has also in 2024 continued to work particularly closely with the Executive Council as getting more corporate associate members is considered a priority.