

# Minutes of the IUPAP EC&CC Meeting

meeting in person, July 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> October 2024

Documents available on the indico page

<https://indico.cern.ch/event/1387494/>

## Participants

Michel Spiro - President  
Jens Vigen - Secretary General for Financial and Legal Affairs  
Silvina Ponce Dawson - President-Designate  
Rudzani Nemutudi - Associate Secretary General  
Gabiella Marra – Secretary  
Stefano Fantoni – Secretary General for Administrative Affairs  
Ariella Krankec – FIT Secretary  
Sandro Scandolo - Deputy Secretary General for Administrative Affairs  
Leon Chuan Kwek - Former Deputy Secretary General as representative for the IUPAP Office in Singapore  
Boris Sharkov – Treasurer  
Monica Pepe – Altarelli – Vice President at Large (Centenary)  
Gillian Butcher - Vice-President at Large (Gender Champion)  
Nithaya Chetty - Vice-President at Large (Membership)  
Irvy (Igle) Gledhill - Past Chair, IUPAP Working Group on Women in Physics  
Laura H. Greene - Vice-President at Large (Outreach and Ethics)  
Lucilla de Arcangelis - Vice-President at Large from the Commission Chairs/ C3 Chair  
Takaaki Kajita - Vice-President at Large from the Commission Chairs/ C4 Chair  
Naoto Nagaosa - C5 Chair  
Masaki Sasai - C6 Chair  
Young Dong Kim - C8 Chair/ Liaison Chair Korean Physical Society  
Kai Liu - C9 Chair  
Tae Won Noh - Vice-President at Large from the Commission Chairs/ C10 Chair  
Florencia Canelli - C11 Chair  
Kuijuan Jin - Vice-President at Large from the Commission Chairs/ C13 Chair  
Tetyana Antimirova - Vice-President at Large from the Commission Chairs/ C14 Chair  
Rosario Gonzalez-Ferez - C15 Chair  
Sylvie Jacquemont - C16 Chair  
Roberto Pini - C17 Chair  
Alan Joye - C18 Chair  
Pietro Ubertini - C19 Chair  
Andrew Horsfield - C20 Vice-Chair  
John Howell - AC1 Chair  
Nils Andersson - AC2 Chair  
John Damilakis - AC4 Chair  
Jaume Navarro - AC6 Chair  
Ana Maria Cetto - WG18 Chair  
Anisa Qamar – Liaison Chair Pakistan, WG5 member  
Angela Bracco - WG9 Chair  
Cyrus Pan Walther - WG16 Vice President  
Eberhard Widmann - C12 Secretary  
Gianluigi Arduini - WG14 Chair  
Jo van den Brand - WG11  
Jun'ichi Yokoyama - C19 Vice Chair  
Yuan-Hann Chan – Liaison Chair for The Physical Society located in Taipei

Maria Jose Garcia Borge - C12 Vice Chair  
Mark Hamilton - AC3  
Mei-Yin Chou - C20 Chair  
Michael Rubinstein - WG15 Chair  
Michael Taroudakis - AC3  
Pietro Ferraro C17 Associate Member  
Marc Himbert – C2 Chair  
Madan Rehani - AC4 – IOMP Past President  
Li Lu, Liaison Chair for the Chinese Physical Society China, Beijing  
Ani Aprahamian – C12 Secretary

Oct 8<sup>th</sup>, 2024

## 1. Welcome

The President of IUPAP and the Host welcomed all participants, and the meeting started.

## 2. Introduction of the Participants

Led by the President Michel Spiro, participants introduced themselves, including those joining remotely.

## 3. Approval and adoption of the Agenda

Michel presents the agenda on indicio for today's meeting as well as the agenda for the next days, receiving the approval of the participants.

## 4. Report on the Singapore Office

The Singapore office is closed, the bank account is not closed yet. The small amount of money on the bank is still there to cover potential closure fees.

## 5. Report on the Trieste Office

Stefano Fantoni, Secretary General for Administrative Affairs, shares a presentation of the Sistema Trieste, see attachment to the agenda. He summarizes the main activity of the Trieste office conducted by F.I.T. and people who work in the IUPAP Trieste Office (Gabiella Marra, IUPAP Secretary, for all administrative matters - [secretariat@iupap.org](mailto:secretariat@iupap.org), Francesca Zavino part-time employee for websites updates, social media management and newsletter [communication@iupap.org](mailto:communication@iupap.org) and Ariella Kranjec – F.I.T. secretary).

## 6. Report on the Association in Geneva

Jens Vigen, secretary general for Legal and Financial Affairs briefly explains that the Geneva office serves as the legal and financial hub, ensuring compliance and efficient management of IUPAP's operations.

The following topic has been highlighted:

Is IUPAP an NGO or a CSO? NGO are formal organizations, CSO are formal or informal. IUPAP is an NGO.

## 7. Minutes of the previous EC&CC meeting, "to do list" and matters arising

The minutes of the previous EC&CC are approved.

Michel shares the screen with the to do list and goes through its points updating the presents on the new status of actions. Progress made on many items, some still ongoing. Repository for IUPAP documents is still an issue but it is an ongoing activity.

## 6. Confirmation of decisions made electronically after the GA

Michel reads the two statements approved by the Executive Council since the last General Assembly:

- Terms of reference IUPAP Membership and Development Committee (resolved electronically mid-October 2023)
- Principles & Policies for International Scientific Collaboration, Executive Council November 2023
- EC resolution on nominations (resolved electronically first week of March 2024)
- IUPAP letter of support for the integrity of Argentina's science system (resolved electronically first week of March 2024)

See all references and attachment in the indico event <https://indico.cern.ch/event/1387494/>

## 7. Membership issues.

Nithaya Chetty, Vice President at Large with responsibility for Members, gives an update on membership issues covering the following points mainly:

- 1) It is important to adhere to IUPAP regulations more stringently, so defaulting members will be formally excluded at the General Assembly.
- 2) Proposed a plan to resume the membership of defaulting members.
- 3) Membership committee that could meet on a quarterly basis.

All details can be found in the presentation attached to the agenda

<https://indico.cern.ch/event/1387494/contributions/5832782/attachments/2942355/5169884/Membership%20Matters%20EC&CC%20Oct%202024.pdf>

## 8. Associate Territorial Members.

Presented an update on Nepal and potential new ATMs in the same presentation  
<https://indico.cern.ch/event/1387494/contributions/5832782/attachments/2942355/5169884/Membership%20Matters%20EC&CC%20Oct%202024.pdf>

## 9. Corporate Associate members.

Cyrus Walther, Vice president of WG16 Physics and Industry gave an update on the activities of the working group. A new CAM signed an MoU with IUPAP: CAEN.

## 10. and 11. Conferences proposed for endorsement and for sponsorship.

Associate General Secretary Rudzani Nemitudi shares his presentation explaining the rules and the guidelines of the conference applications. He explains that IUPAP has 4 categories of conferences (type A, B, C and D) which receive different types of support.

Rudzani goes through the selection criteria and reminds that the deadline for online submission of application is the 1st of June of the year preceding the date of the proposed conference. The organizers must send the application form, through the website and after the conference the report form online.

Importance of the report has been emphasized so that from 2025 no support will be given to conferences that did not have a report submitted in previous year. Role of commission chairs in ensuring compliance highlighted. The report is important to understand if the conferences that IUPAP supports are complying with IUPAP rules or not.

Rudzani shared the list of 2025 conference applications received.

- Importance of IUPAP logo visibility on affiliated commission websites has been emphasized.
- Need to update conference guidelines to include requirement for audited bank accounts., new cap on registration fee and recommendations for affordable fees category for physicist at all stages of career.

### Visa issues:

Discussion on the systemic problem with visa rejections for scientists and students.

- Importance of speaking up and complaining about visa issues
- ISC's role in representing scientific unions to politics
- Need for coordinated actions and global visibility of the problem
- Importance of starting visa applications well in advance
- Suggestion to collect statistics on visa rejections for IUPAP-sponsored conferences.

## 12. Review of Day 1

Michel does a review of day 1 for the points that deserve attention.

Michel thanks the participants and closes the meeting.

## 13. Nominations (EC & CC Only)

Presented and discussed the slates of new members of commissions and that are going to be voted at the GA.

Oct 9<sup>th</sup>, 2024

### Review of Day 1

Michel does a review of day 1 for the points that deserve attention.

#### 1. Commission matters

Main outcomes of the discussion:

- Avoid awarding multiple prizes to the same person. So rules and deadlines will be reviewed.
- short EC & CC meetings are necessary, twice a year.
- Applications for conferences and reports have to be made in due time (one person must be designated for that in each commission).
- Commissions are recommended to contribute to the IUPAP communication (Newsletter, social networks..)
- Proposed increase in commission membership from 14 to 15 members:
  - This change aims to accommodate the growing number of corporate associate members and enhance representation within commissions.
  - The additional member is intended to be nominated preferably by a corporate associate member, fostering collaboration between industry and academia.
  - Increasing the membership size is expected to facilitate a more diverse range of perspectives and expertise within each commission.

Discussion on potential restructuring of commissions and working groups.

Discussion on creating new commissions for soft matter and quantum science/technology.

Main outcomes related to Affiliated Commissions:

- ACs are Independent bodies
- Only 3 reports have been received, so a more active participation must be activated
- They have equal rights as Commissions so allocation of funds must be revised: not allocate funds to them, except AC5 and AC6
- IUPAP logo must be visible on their website

- Come with a proposal in 2025 but start to stop funding
- To do: have specific MoUs with each one, before next GA 2027.

Reports and presentations are available in Indico.

## 2. Working Groups

Working groups reports and presentations are available in Indico.

Main outcomes of the discussion:

- Proposal to extend all working groups for one more year.
- Recommendation for working groups to present action plans and budgets.

## 3. Financial matters

Boris Sharkov, Treasurer, and Jens Vigen, Secretary General for Legal and Financial Affairs, held the discussion covering the following points:

- Presentation of financial audited reports for 2023 to be presented at the GA.
- Discussion on budget forecasts for 2025-2027 (including membership dues, allocation to commissions, affiliated commissions and working groups). and the following changes:
  - Proposal of the resolution to set dues to 2580 CHF for 2025-2027. Approved for the submission to the GA.

Additional points and suggestions arisen from the discussion:

- a) suggestion to increase LAAAMP support from 5k to 7.5k euros;
- b) increase budget on communication.
- c) proposal to set commission funds at 4,000 CHF plus 2,500 CHF allocation for 2025
- d) proposal to increase support for conferences as main IUPAP impact

The EC&CC approved the documents (all available in Indico) to be submitted to the GA.

## 4. New resolutions

The EC&CC discussed and approved the following resolutions to be voted at the GA:

- Resolution on IUPAP elections and procedure for handover of responsibilities for EC & CC
- Resolution on dues for 2025, 2026 and 2027
  - Resolutions regarding modifications to IUPAP's Articles and Internal Regulations:
    1. Proposed change to Article 7—Executive Council and Officers. Minor modification to avoid conflicting statements.
    2. Resolution to modify Articles 5.5, 6.2 and 6.6 of IUPAP's Internal Regulations (to adapt to the most recent modifications of the Articles of the Union).
    3. Resolutions regarding Working Groups (decided in view of the internal and external evaluations and the future restructuring of IUPAP).

4. Proposal to establish a Working Group in the Field of Major Neutron Research Facilities (submitted by the US Liaison Committee).
5. Proposal to establish a Working Group on Artificial Intelligence and Machine Learning (AI/ML) for the Physical Sciences (submitted by the US Liaison Committee).
6. Resolution on position papers, statements and declarations from the IUPAP Executive Council (EC) (submitted by the US Liaison Committee).
7. Resolutions related to Conferences (based on proposals submitted by WG5, Women in Physics).
8. Specification of Corporate Associate Members rights and number of elected members in the commissions
9. Required change in Internal Regulations, Articles 5.1 and 5.3.
10. Resolution on IUPAP restructuring

## 5. Presentation of the external evaluation report for a restructuring of IUPAP

Silvina presented the External evaluation report and moderated the discussion of proposed actions.

→ Establish a task force for IUPAP restructuring by the end of the year.

Discussion covered IUPAP's visibility, communication strategies, and impact pathways; recommendations for improving IUPAP's structure, operations, and engagement with stakeholders.

## 6. Activity report

Jens Vigen presented the Activity report IUPAP activity report for the period 9 October 2023 to 9 October 2024.

Oct 10<sup>th</sup>, 2024

### 1. Review of Day 2

Michel does a review of day 2 for the points that deserve attention.

### 2. 30 months with sanctions in science: review of IUPAP policy.

Discussion on IUPAP's unique role and mission entering a new period of sanctions and conflicts:

- Emphasis on worldwide participation in physics and solving global challenges.
- Proposal to focus on equity, diversity, and inclusion in a broader sense. Enlarged the

- role of the Gender Champion to Gender Champion – Diversity, Equity and Inclusion.
- Suggestion to strengthen connections with developing countries and industry.
- Discussion on improving communication and visibility of IUPAP activities.
- IUPAP's role is to keep the physics community together.
- Encourage worldwide participation in conferences: push for freedom to collaborate, travel, and exchange.
- Promote open data and open science.
- Propose a worldwide conference on physics for regenerative development in 2027.

### 3. Report from the Gender Champion

Gillian Butcher, Gender Champion, presents the report on gender. All material is posted on the Indico agenda.

In general, IUPAP is actively working to promote equity, diversity, and inclusion within the scientific community.

Special actions have been taken to boost STEM participation among underrepresented groups.

The organization celebrates milestones such as the 25th anniversary of women in physics to highlight progress and encourage further inclusivity.

Positive trend in women's participation in conferences.

Goal is to eliminate conferences with less than 10% women participation.

Discussion held on implementing stricter rules for sponsorship based on gender balance.

### 4. Communication.

Deputy General Secretary for Administrative Affairs Sandro Scandolo shares his presentation of IUPAP communication (available on Indico).

He gave an update on IUPAP's communication efforts, including newsletter (sent to more than 1000 contacts every three months and published on the website) and social media presence (Facebook and LinkedIn), managed by Francesca Zavino, a FIT part time employee. She can be reached at [communication@iupap.org](mailto:communication@iupap.org).

Main points:

- Newsletter reaches over 1,000 email addresses.
- Facebook page has 3,000+ followers.
- LinkedIn is becoming stronger within physics community.
- Website updates handled by communication team.
- Commission chairs encouraged to send updates for website and newsletter.
- Discuss increasing budget for communication efforts.
- Consider developing a communication plan and hiring professional support.

### 6. IUPAP Centenary

Monica Pepe-Altarelli presented the activities and the legacy of the Centenary of IUPAP.

Roberto Lalli gave a presentation of the book he edited together with Jaime Navarro "Globalizing Physics: One Hundred Years of the International Union of Pure and Applied Physics".

See the presentation available on the agenda on Indico.

### 7. From the International Year for Basic Sciences for Sustainable

## Development 2022 - 2023 (IYBSSD) to the International Decade of (all) Sciences (and all knowledge including traditional) for Sustainable Development 2024 - 2033 (IDSSD)

The importance and the organizational role of IUPAP in this activity has been showed by Michel.

The full presentation is available on Indico.

Main point:

Creation of Earth Humanity Coalition for equitable well-being on a healthy planet. It aims to integrate all sciences and traditional knowledge to address global challenges.

It focuses on creating a global network of transdisciplinary hubs that promote collaborative, impact-oriented research for sustainable development.

The coalition seeks to mobilize diverse stakeholders, including scientists, civil society, and indigenous communities, to co-create solutions for equitable well-being on a healthy planet.

## 8. Varia

The following points were discussed:

- Designation of an IUPAP representative for the Gruber Prize committee
- Nomination for prizes: proposal to nominate Laura Greene for the Wolf Prize.
- ISC matters
- LAAAMP
- A survey of the United States National Academies of Sciences, Engineering, and Medicine Networks
- IUPAP Interdisciplinary prize
- International Year of Quantum Science and Technology (IYQ): plan to organize photo contest and other activities

## 9. Comments from observers and any other business.

Comments to the new proposed ISC statutes were discussed.

## 10. Review of meeting and future procedures

Michel makes a review of the meeting and sets the next actions and steps.

First EC&CC in the IUPAP cycle will be in February 2025, the second in October 2025 and third in October 2026. All organized online from Geneva. EC&CC in person in October 2027, back-to-back with GA → possibly in Africa together with a worldwide conference, possibly organized by WG21 on Physics for regenerative development.

## 11. Close of EC&CC meeting

Michel thanks all participants and closes the meeting.

A special thanks to Li Lu and CPS for the extraordinary organization of the meeting.

