

Minutes of the IUPAP EC&CC Meeting

meeting via Zoom, January 26, 2022

The agenda and all the discussed documents can be found on

<https://indico.cern.ch/event/1115186/>

Participants

Michel Spiro - President
Jens Vigen - Secretary General
Silvina Ponce Dawson - President-Designate
Monica Pepe Altarelli - Vice-President at Large (Centenary)
Rudzani Nematudi - Associate Secretary General
Kwek Leong Chuan - Singapore Office
Cecilia Cressi - Secretariat
Paola Rodari - Secretariat/Communication
Stefano Fantoni - Secretary General
Sandro Scandolo - Deputy Secretary General
Boris Sharkov - Treasurer
Federica Sgorbissa - Centenary communication
Gillian Butcher - Vice-President at Large (Gender Champion)
Nithaya Chetty - Vice-President at Large (New Members)
Laura H. Greene - Vice-President at Large (Outreach and Ethics)
Marc Himbert - C2 Chair
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
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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
Ruhi Chitre - AC5 Chair
Jaume Navarro - AC6 Chair
Timo Eckstein observer (AC5)

1. Welcome by the President-Designate

The President-Designate Silvina Ponce Dawson welcomes the participants and explains why 2022 is an important year for IUPAP, with its centenary and IYBSSD celebrations - an initiative from IUPAP that has been recognized by the UN General Assembly.

Silvina explains that IUPAP is now ruled by a new set of Articles and Regulations which state that the General Assemblies are held once per year and there is the possibility to incorporate corporate members besides the territorial members.

2. Approval and adoption of the Agenda

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

3. Introduction of the participants

Jens Vigen, IUPAP Secretary General for Legal and Financial Affairs, presents the structure and the members of the IUPAP Executive Council, then goes through the list of the meeting participants of the meeting asking for a brief presentation from each.

4. Introduction to IUPAP

Michel Spiro introduces the history, goals, governance and projects of IUPAP to the participants. Kai Liu (C9 chair) asks if the Early Career monetary award comes from the commission budget allocation, Jens replies that there is a specific budget for that.

5. Report on the Singapore Office

Kwek Leong Chuan: the Singapore office is still in a phase of transition to Trieste and Geneva, the transition to Geneva is cumbersome because IUPAP has to wait for the confirmation of tax exemption from the Geneva authorities.

Kwek explains that he is in charge of the last newsletter before passing the task to Sandro Scandolo in Trieste. Kwek also worked hard and successfully on the preparation of documents for the 2021 audit.

Michel thanks Kwek for the work he has done in the last year.

6. Report on the Trieste Office

Stefano Fantoni shares a few slides presenting the IUPAP Secretariat office in Trieste and the Fondazione Internazionale Trieste that hosts it. He gives some information on the office activity especially in collecting and arranging the IUPAP data which are quite complex.

Michel recognises the pain of moving the office from a different country.

7. Report on the Association in Geneva

Jens Vigen explains that after the virtual constitutive GA in October 2021, all IUPAP members have joined the new Association. Membership fees for 2022 will still be collected by the "Old IUPAP" in Singapore, the money will be transferred to Geneva when a confirmation of tax exemption will be received.

Other important steps to be made are getting registered in the registry of commerce and establishing a Swiss bank account.

The new IUPAP association is domiciled in Geneva at:

Oberson Abels Sa

Rue de-Candolle 20
CH-1211 Genève 12 CP 225
SUISSE

8. Resolutions from General Assembly

Michel shares the screen showing the resolutions from the last GA to the participants. The dues for 2021-2023 remained the same as 2020 and regarding the outstanding dues, the secretariat is approaching members one by one. Jens explains that the contact point of every member and the entity responsible for paying the membership fee, have been identified and the secretariat in Trieste is checking who actually paid for 2021.

Resolution connected with AC and WG:

- Ratification of International Association of Physics Students (IAPS) to become an Affiliated Commission of IUPAP (AC5) **Done**
- Ratification of establishing an Inter-Union Commission on the History and Philosophy of Physics (AC6) **Done**
- Appointment of IUPAP representatives to the new Affiliated Commission (AC6) **Done**
- Ratification of establishing a Working Group in the emerging field of Quantum: a Chair has still to be designated, Michel invites the participants to think about who could be.
- Ratification of establishing a Working Group on Ethics: invitation to suggest candidates for the Chair
- Ratification of revised mandate for the Working Group on Women in Physics (WG5)

Additional resolutions:

- Endorsement of the year 2025 as the International Year of Quantum Science and Technology: possible conflict with the International Year of Science Engagement -> Unesco will handle the matter
- Renaming the IUPAP Young Scientist Prizes to IUPAP Early Career Scientist Prizes **Done**
- Requirements ensuring diversity of candidates for IUPAP Awards: this has to be kept in mind when the commission select an awardee
- Waterloo Charter for Gender Inclusion and Diversity
- Open science: IUPAP is following Unesco guidelines for Open Science
- Guideline for conference organization
- MoU CERN-IUPAP: CERN will help IUPAP for the Centenary, for IYBSSD and hosting IUPAP events in Geneva
- Future General Assemblies: Next year it will be held in Geneva connected to the Closing ceremony of IYBSSD, in 2024 it will be held in Beijing.
- Endorsed conferences

Postponed resolutions:

- Use of units in the International System of Units (SI): Marc Himbert explains that there was a resolution proposed by in situ on the Units radian and Cycle for the quantity plane angle that received some objections, the discussion is still active. Marc will produce a short report after the meeting of the WG "on angle and dimension as quantity in the SA brochure"

9. Minutes of the previous EC&CC meeting, To Do List, Confirmation of Decisions taken since last GA

Michel describes the documents from the last EC&CC meeting

10. Matters arising

- A statement on the collaborative access to facilities and data, was proposed and approved by the Executive Council and commission chairs. Michel remarks that the promotion of free circulation of physicists and free circulation of data and documents are very important for IUPAP. He asks the participants if they are aware of any deviation from the free access to data and platforms and if so, to communicate it.

- Silvina introduces the call for Henri Abraham Award, an award to recognize those who have given long and meritorious service to the Union. The announcement of the awardee will be done in the GA of July.
- The call for nominations for the IUPAP Interdisciplinary Early Career Scientist Award is now open, the deadline for nomination submissions is December 31st, 2022. The IUPAP Interdisciplinary Early Career Scientist Award has been established to recognize the contributions of Early Career Scientists who do interdisciplinary research that does not fit within a single subfield of physics as covered by one IUPAP Commission. Up to two winners will be considered for the prize (one for 2022 and one for 2023), which will be collectively presented at the General Assembly to be held in 2023. Each prize will consist of 1000 euro, a medal, and a certificate.

11. Membership issues

Professor Chetty presents the Membership Decadal Strategic Plan 2019-2029 with his ideas on how it would be possible to expand IUPAP memberships and consolidate the current ones: the goal is to maintain the current membership of 60 territorial members with a 10% growth, maintaining a flexible approach for members who, with weak physics communities and/or weak economies, cannot afford the membership fee.

Some current matters that IUPAP is working on are distinguishing more clearly between adhering body/Liaison Committee and Physical Society; keeping record of status of memberships; involving more young people in the affairs of the Union.

Nithaya explains how the new associate territorial membership category, with zero cost, zero units and zero substantive benefits could increase IUPAP memberships, helping in staying connected with countries that have a deep interest in IUPAP and use this as a leverage to facilitate the development in the country.

Michel appreciates the suggestions made to be more inclusive and supportive of developing countries stimulating the growth of physics education and research.

Next meeting will be held tomorrow January 27, at 13:00 Trieste Time

Documents available on the indico page <https://indico.cern.ch/event/1115186/>

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Ruhi Chitre - AC5 Chair
Jaume Navarro - AC6 Chair
Timo Eckstein observer (AC5)
Sunil Gupta - C4 former chair
Christophe Rossel - WG16 Chair
Michal Taraudakis - former chair AC3

1. The role and operation of commissions

- a) Sunil, (C4 former chair) explains that the GA is the supreme body of IUPAP and that it approves and modifies the roles and bylaws of the organization once every 3 years. The Assembly is constituted by various physical societies that represent different nations and regions, each member owns a number of units that is proportionate to their financial contribution. Territorial members also have votes on which basis, every three years, all the organs of IUPAP including EC and commissions are reelected. Between the GAs, the Executive Council is empowered to conduct all IUPAP business, which it does through Commission Chairs.

Sunil explains that interfacing with EC is critically important for the smooth functioning of the commission. The IUPAP guidelines automatically define the role and functioning of the commissions, e.g.:

-to foster exchange of scientific knowledge through sponsorship of major conferences

-requirement of gender and geographic balance free from harassment, that leads to an environment that nurtures talent from across the globe especially developing countries. Sunil concludes his presentation telling his personal experience in IUPAP.

- b) Comments by the President regarding Members and Associate Members of Commissions: Michel shares a presentation on commissions - Commission members may be nominated by a IUPAP territorial member but they are appointed in their personal capacity and they do not represent the territorial member who nominated them. If a commission member moves institutions from one IUPAP member to another, he/she is still a member of the commission and if they resign, the replacement is determined by the EC.
- Associate Members: Bylaw governs associate members, commissions may have an important link to other commissions, scientific unions or international organizations. Each commission may propose an associate member to the EC, the EC will then appoint associate members one year after the election of regular members.
- Associate members have no right of vote at the commission meetings and are not eligible for IUPAP travel funds.
- Silvina proposes to invite WG Chairs to the EC&CC after the GA in which new EC&CC are elected.

2. Working Groups

- Silvina shares her presentation on working groups
WGs are temporary structures approved by the GA for a period of 6 years, unless otherwise specified by a resolution. The GA also reviews the operations of the WGs.
There are WGs that might eventually become a commission, if there is no overlap with existing commissions.
As a possible way to move forward, Silvina suggests to ask some commission chairs (whom fields are close to the WG's) to analyze and produce a report on WGs to be presented at the EC&CC meeting, this way, it would be easier to vote on their continuation and/or renewal at the GA:
C4 (C19?) could analyze the situation of WG 10
C12 -> WG9
C3 (+C6?) -> WG15
C11 -> WG14
C2 -> WG13
EC could come up with proposals for the future of WG2 (communication, Jens), WG12 (energy, Bruce) and WG16 (physics and industry, Michel).
The present commission chairs approve the suggested guidelines.
The last GA voted for the creation of two new WGs, the WG18 on Ethics and WG19 on Quantum Science and Technology, now the EC has to decide a chair for each WG, Silvina asks for suggestions to be sent to the secretariat.
- WG16 on Industry
Christophe Rossel presents the report on the working group 16 and its activity, asking suggestions for possible Associate Corporate Members.
Michel asks for the formal approval of the first two IUPAP Corporate Associate Members, CERN and ALLS, which are unanimously approved.

3. Commission members

Silvina presents the structure of the commissions, their regulations and a possible way to organize the election of commission members in the future.

4. Procedures for sponsorship and endorsement of conferences

Rudzani shares his presentation explaining the categories of IUPAP conferences (A, B, C, D), their rules and selection criteria (scientific value and composition of organizing committee, international character and accessibility, free circulation of scientists, inclusion of women).

The deadline for submission of sponsored conferences is the 1st of June 2022, Rudzani further remarks that conference reports are very important for the Council to track not only the participation of women but also to assess whether the conferences are being conducted in accordance with IUPAP conference guidelines.

Michel closes the session.

Next meeting will be held tomorrow January 28, at 13:00 Trieste Time

Documents and presentations available on the indico page <https://indico.cern.ch/event/1115186/>

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Michel shares the agenda of the meeting

1. Review of day 1 and day 2

Michel shares his presentation explaining the work that is planned in the next months for IUPAP Officers and the secretariat.
Michel proceeds highlighting some regulations on Commission and WG matters as a summary of yesterday's discussion.

2. Financial matters

Jens presents the budgets for 2021 and 2022, commenting on each line. Commissions receive money for 1 unit (2,420 EUR) per year over a cycle of three years and they can decide when to spend the money during the three years period.
WG5 on women in physics is a special WG and it receives 15,000 EUR per year for the travel grant programme.

3. Communication

Kwek says that the December newsletter will come out soon, once it does, the next newsletter will be prepared by the Trieste Office.
Sandro shares his presentation on IUPAP communication: he explains that the idea is to produce an e-newsletter, to expand the presence on social media (Facebook and Twitter) and keep the website periodically updated (email to communication@iupap.org). Sandro also explains the objectives regarding the IUPAP Centenary communication in collaboration with SISSA MediaLab.

4. IUPAP Centenary

Monica presents the plans for the IUPAP Centenary with several ongoing initiatives: the Centenary Symposium, History of IUPAP, Satellite events and the Photo Contest.

Monica proceeds presenting the programme of the Symposium, which will be held at ICTP (Trieste) on July 11, 12, 13 of 2022. The urgent actions regarding the Symposium are:

- finalize the invitations
- announce the dates
- prepare a press release
- launch the photo contest

5. IUPAP Centenary photo contest: status and progress plan

Silvina explains that the idea is to have a photo contest to celebrate the beauty of physics, its impact on our everyday lives and the ways in which physics research and education is carried out all over the world. There will be two contests, one called "beyond our eyes" (for images obtained through special scientific equipment) and one called "at a glance" (images obtained with any type of camera).

A jury will select 6 entries in each category, 3 will receive a monetary award and 3 a honorary award. At the time of submission the entrant will have to choose the commission, Affiliated Commission or Working Group that is more closely related to the theme of the image, in this way the images will be judged for the scientific content.

6. International Year for Basic Science for Sustainable Development (IYBSSD)

Michel presents his slides regarding the IYBSSD: events, its Executive Committee, support and rationale.

The resolution for the proclamation of an International Year of Basic Science for Sustainable Development was brought up and presented by the government of the Republic of HONDURAS, at the 76th United Nations plenary session of the General Assembly and adopted by consensus.

Michel thanks the participants for the meeting and reminds the EC that the scheduled meeting is starting right after this one ends.

Michel closes the session.

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