

Minutes of the IUPAP EC&CC Meeting

meeting via Zoom, July 6th and 7th, 2022

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
Stefano Fantoni - Secretary General
Sandro Scandolo - Deputy Secretary General
Boris Sharkov - Treasurer
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
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
Angela Bracco - WG9 Chair
Atlas Varsted - AC5/IAPS
Cyrus Pan Walther - AC5/IAPS
Eberhard Widmann - C12 Secretary
Gianluigi Arduini - WG14 Chair
Jo van den Brand - WG11
Jun'ichi Yokoyama - C19 Vice Chair
Lilia Meza-Montes - WG5 Vice Chair
Luis Vina - Liaison Chair Spain
Maria Jose Garcia Borge - C12 Vice Chair
Mark Hamilton - AC3
Mei-Yin Chou - C20 Chair
Michael Rubinstein - WG15 Chair
Michael Taroudakis - AC3

Pavel Exner - Liaison Chair Czech Republic

July 6th, 2022

1. Welcome by the President-Designate and Introduction of the participants

The President-Designate Silvina Ponce Dawson welcomes the participants and Jens Vigen (Secretary General) scrolls through the registration list for a short presentation of who is connected.

2. Approval and adoption of the Agenda

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

3. Report on the Trieste Office

Prof. Stefano Fantoni shares the screen with a short presentation of the people who work in the IUPAP Trieste Office and their contacts (Cecilia Cressi - secretariat@iupap.org, Anna Lisa Cesaro iupap100@iupap.org, Francesca Zavino communication@iupap.org). Stefano summarizes the main activity of the Trieste Office and remarks the information the secretariat needs for each Early Career Scientist Prize winner.

Prof. Nithaya Chetty advises that it is important to have caution with the bank details and try to verify them before the payments. Jens reminds the Commission Chairs that the money for the conferences must go to public organizations and not to private bank accounts.

4. Report on the Singapore Office and on the Association in Geneva

Jens explains that in Singapore the only thing which remains is the bank account, we also still have the email address of the old secretariat which forwards the emails to secretariat@iupap.org.

Regarding the Swiss Association Jens says that it is not yet registered in the commercial registry of Geneva but we are expecting to be registered soon. The money will be fully transferred from Singapore to Geneva once that Geneva will have the tax exemption.

The Swiss bank account is operative, and Michel and Jens together can authorize the payments. Jens communicates that all the members from 'old IUPAP' joined the new association.

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 of January and goes through its points updating the presents on the new status of actions.

Michel reminds that indico is now used for all the IUPAP EC&CCs, GAs and meetings of Officers, with the archiving of the documents of each meeting.

The IUPAP historical archive is still to be solved.

6. Confirmation of decisions made electronically after the GA

Michel reads the two resolutions approved by the Executive Council:

- Statement by the International Union of Pure and Applied Physics on the events occurring in Ukraine
We are consternated by the news regarding the Russian military offensive in Ukraine and the terrible consequences that this has on the lives of our colleagues in Ukraine. We extend our deepest sympathy and solidarity to them and to all the Ukrainian people at this difficult time. We praise the large number of Russian colleagues who have expressed their sympathy for their Ukrainian colleagues and demanded peace for their countries (e.g., see <https://trv-science.ru/en/2022/02/we-are-against-war-en/>). In our 100th anniversary this year, we note the critically important historical role that IUPAP has always strived to play in bringing physicists together across political divides even during our most difficult years in the past. IUPAP continues to embrace and promote scientific collaboration across the world as a driver for peace.
- IUPAP resolution regarding international conferences in this time
IUPAP, during the darkest days of the cold war, apartheid and many other difficult political eras over the past 100 years, has always been able to do two things with care and responsibility:
 - i) Kept open the channels for scientific cooperation across all political and other divides in the hope and expectation that enhanced scientific collaborations are an important means to develop improved understandings between different peoples that contributes to world peace, and
 - ii) Expressed its concerns about any activity or intervention, including war, that impacts negatively on our ability to engage scientifically on a global scale and hence impacting negatively on (i) above.IUPAP has issued its statement on the Russian invasion of Ukraine (<https://iupap.org/2022/03/01/iupap-statement-on-the-events-occurring-in-ukraine2022-03-01/>) in accordance with (ii) above.
It will be inappropriate for IUPAP to bar any scientist, especially from a member nation, from any scientific activity in accordance with (i) above. So long as the work upholds the ethics and principles of science in its highest ideals, for example, does not contribute to weapons capabilities, IUPAP can see no reason to disallow Russian scientist participation in the affairs of the Union.

The participants agree with the resolutions made.

7. Practicalities related to the use of the IUPAP affiliation

Jens explains that a draft letter has been prepared and will be managed by the conference organizers. The principle is that all the conferences supported by IUPAP should be open to all scientists. The idea is to permit scientists to participate at the conferences with an IUPAP affiliation after a written request/declaration.

Michel explains that some Russian physicists refused to sign the declaration but some others accepted. Boris Sharkov thanks IUPAP for this opportunity and confirms that the initiative has been well seen by the management of JINR and the Russian Academy of Sciences.

IUPAP will not sponsor the participation for those who request the affiliation.

The proposal is accepted by the presents.

8. Membership issues

Nithaya shares the screen with his presentation. He explains that IUPAP currently has 65 territorial members, $\frac{1}{3}$ of the global territories. Some members are really struggling to pay up their dues so IUPAP reached special agreements offering the reduction of 50% of the cost of the membership. Nithaya proposes to keep helping Mexico and Uruguay in paying their dues if it is needed, until 2024 - the participants approved.

Nithaya remarks the importance of the newsletter and the communication of IUPAP work to the members and around the world.

Associate Territorial members: the new category of members expect the cost of one unit (2.240 EUR) with limited benefits identified on a case-by-case basis with a Memorandum of Understanding. This category, joining IUPAP will commit to a program of physics development working closely with our association and other major physical societies. The membership will not be asked for by an application but the members will be invited: through the EC, IUPAP can identify countries (such as Nepal) that have strong interest in joining the Union.

Nithaya communicates that Ukraine, after an incredible amount of work, has become a member of IUPAP.

Michel reads the proposal regarding the Associates Territorial Members and the proposal receives full consent.

9. Activity report, Revised Strategic and Action Plan

Jens communicates that IUPAP has now two Associate Corporate Members, CERN and ALLS. Regarding the membership he remarks that some countries have problems in paying their dues because of the pandemic and there were also some slowdowns due to the transaction from Singapore to Trieste.

Silvina explains that she updated the information on the strategic plan with the work that has been done.

Coffee break and group photo

10. Commission matters

- Commission reports: Silvina reminds that commissions, affiliated commissions, working groups and liaison committees with other organizations should make a written report to the IUPAP GA so the EC can provide opportunities to the participants to ask questions on the work done. C2, C11, AC1, AC2 and AC3 have not submitted the report yet.
- Election of a new member of C11: Germany selected Isabell Melzer-Pellman (DESY, Hamburg) to replace Bernhard Spaan.
- Naoto Nagaosa (Chair C5) presents the changes on the mission and the mandate of the commission on low temperature physics.
- C6 would like to establish a new medal called Physics of Life, paid with the C6 budget. Silvina suggests having a medal with the name of a woman.
- Associates members: Silvina shares the summary of the members proposed. Silvina explains that it is hard to keep the balance between shares of territorial members, members on commissions and gender. She reminds that associates members have no voting rights and are not eligible for travel funds. The participants approve the names proposed.
- Nomination of commission chairs: the commission can send suggestions on who could be the next chair by the end of May 2023. Silvina shares the document with the balance of the commission officers on the basis of territory and gender distribution. She explains that the idea is to have a commission chair designate for one year.

- Affiliated Commission: for definition they are an international group of scientists constituted as an independent body whose field does not coincide with the one of any IUPAP commission. Silvina suggests starting to think about the level of funding of these structures. Michel concludes saying that a WG should be created to revisit the articulation between commissions, WGs, ACs and the connection with other organizations.
- Henri Abraham Award: Silvina communicates that two nominations for the award have been received, Judy Franz and Lev Shchur.
- Guide to the expression of uncertainty in measurements: Mark Himbert presents the work done on the guide and the improvements on the text.

11. Working Groups

Working Groups: Silvina explains that the WG are temporary structures and after six years of mandate the GA decides if the WG will continue or not. They do not follow rules of composition as commissions.

Some WG could become a commission, like WG15 on soft matter physics. Some others could become an affiliated commission, like WG1, WG7, and WG11. WG5 could embrace other diversity, not just women. Silvina informs that WG10 and WG12 will be dissolved.

Jens suggests converting WG2 in a working group on Open Science and Silvina agrees that it should have a new number, for example WG20.

Two WG have been approved at the last GA but they have not been established completely yet (we have the chairs but not all the members):

- WG18 on Ethics, with the mission/mandate
 - i) To survey international ethics standards across societies, journals, and funding agencies, including hiring practices
 - ii) To consider these accumulated data to develop a set of international ethics standards.
- WG19 on Quantum Science and Technology, with the mission/mandate - To analyze the creation of a new IUPAP Commission on Quantum Information Science and Technology

Michel announces the possibility to create a new WG on physics in the green economy or physics for sustainability and Nithaya presents the proposal for this new WG.
- WG16 on Industry: Cyrus Walter reports the progress made and describes the mandates and the objectives of the group. Jens adds that there is a website of the group which could be used like a network by the industries for recruiting young talents.

Michel thanks the participants and closes the meeting

Next meeting will be held tomorrow July 7th, at 13:00 Trieste Time

Documents available on the indico page [here](#)