

# Minutes of the 30<sup>th</sup> General Assembly of the International Union of Pure and Applied Physics

---

20<sup>th</sup> – 21<sup>st</sup> – 22<sup>nd</sup> October 2021

ICTP - International Centre for Theoretical Physics

Oppenheimer Meeting Room

Trieste (Italy)

Assembly held in hybrid with Zoom platform

Agenda and documents on indico site: <https://indico.cern.ch/event/1065120/>

## DAY ONE – 20<sup>th</sup> October 2021

### In attendance:

**Michel Spiro**, President of IUPAP

**Silvina Ponce Dawson**, Acting President Designate

**Jens Vigen**, IUPAP Acting General Secretary for Financial affairs

**Stefano Fantoni**, Designated General Secretary for Administrative Affairs, Secretariat in Trieste and President of FIT

**Sandro Scandolo** ICTP, IUPAP Secretariat in Trieste and Vice President of FIT

**Cecilia Cressi** IUPAP Secretariat (FIT) in Trieste

**Paola Rodari** IUPAP Secretariat (FIT) in Trieste

### Participants (via zoom):

Akihide Fujisawa	Japan Delegation Head and (C16),
Alain Joye	Designated Chair (C18)
Alexander Petrov	Bulgaria
Amy Flatten	USA
Ana Ferreras	USA
Ana Maria Cetto	Mexico Delegation Head
Andre Staudte	Canada
Andrew Sachrajda	Canada
Anu Kankainen	Finland Delegation Head
Arturo Marti	Uruguay Delegation Head
Atish Dabholkar	ICTP
Bernhard Nunner	Germany Delegation Head
Bruno Nachtergaele	Chair (C18)
Burkard Hillebrands	Chair (C9)
Charles Amuah	Ghana
Christophe Rossel	(WG16)
Christopher Brett	IUPAC Observer
Claes Fahlander	Chair (C12) and Vice-President
Constantia Alexandrou	Cyprus, Delegation Head
David Hutchinson	New Zealand Delegation Head
David Landau	USA and Chair (C20)
Debashish Chowdhury	India Delegation Head
Dominique Vernhet	Vice-Chair (C15)
E William Colglazier	USA
Eric Falcon	France
Eva Lindroth	Sweden Delegation Head
Florin Buzatu	Romania Delegation Head
Francis Hasford	Ghana
Gerard Gilmore	Chair (C19)
Gianluigi Arduini	Designated Chair (WG14)
Gillian Butcher	Gender Champion, Acting President at Large, Chair (WG5)
Guglielmo Fortunato	Liaison Chair Italy
Gustavo Monti	Argentina Delegation Head
Hai-Qing Lin	China-Beijing

## Minutes of the 30<sup>th</sup> General Assembly of the International Union of Pure and Applied Physics

---

Hans Peter Beck	Switzerland Delegation Head
Hari Haran Balakrishnan	Observer
Heidi Schellman	Chair (C11)
Hyeonsik Cheong	Korea
Ian Gardner Bearden	Denmark Delegation Head
Jacinda Ginges	Australia
Jaewook Ahn	Korea
Jaume Navarro	President of IUCHPP and Chair (AC6)
Jinping Wang	China-Beijing
Joachim Burgdorfer	Austria Delegation Head
Joe Niemela	Treasurer (AC1)
John Damilakis	Chair (AC4)
Judith Dawes	Australia and C17 Member
Juozas Vaitkus	Lithuania Delegation Head
K S Narayan	Chair (WG16)
Kai Liu D	Designated Chair (C9)
Kuijuan_Jin	(C13)
Kwek Leong Chuan	IUPAP Deputy Secretary General, Singapore Delegation Head
Laura Greene	USA; Acting Vice-President at Large and Chair (C10)
Li Lu	China Beijing
Luc Bergè	C17
Lucilla de Arcangelis	Designated Chair (C3)
Luis Viña	Spain Delegation Head
Maria de Conceição	Portugal Delegation Head
Masaki Sasai	Designated Chair (C6)
Mei-Yin Chou	Designated Chair (C20)
Michael Rubinstein	Chair (WG15)
Mirosław Karpierz	Poland Delegation Head
Mitko Gaidarov	Bulgaria Delegation Head
Mourad Telmini	Tunisia Delegation Head
Natalia Istomina	Russia Delegation Head
Nicole Bell	Australia
Nithaya Chetty	Vice-President at Large (Membership)
Patricia McBride	USA
Paul Hardaker	UK & Ireland Delegation Head
Pavel Exner	Czech Republic Delegation Head
Peter Mohr	Chair (C2)
Peter Osei Wusu Adueming	Ghana
Quang Tran	Chair (C16)
Rahul Pandit	Vice-President and Chair (C3)
Ramin Golestanian	(C6)
Rituparna Kanungo	Canada Delegation Head
Robert Sporcken	Belgium Delegation Head
Roberto Nardi	Vice-President and Chair (C14)
Roberto Pini	(C17)
Roberto Rivarola	Chair (C15)
Rodrigo Capaz	Brazil
Rolf Haug	Vice-President and Chair (C8)
Rosario Gonzalez-Ferez	(C15)
Rudolph ErasmusS	South Africa Delegation Head
Rudzani Nmutudi	Associate Secretary General
Sandor Katz	Hungary, Delegation Head
Sekazi Mtingwa	Chair (C13)
Stefano Fantoni	Designated Secretary General for Administrative Affairs
Stephan Fauve	France Delegation Head
Stephen Inkoom	Ghana
Sunil Gupta	Chair (C4)
Sunny Seo	Korea and (C4)
Sven Rogge	Australia Delegation Head
Sylvie Jacquemot	Vice-Chair (C16)

Tae Won Noh	Korea (C10)
Tetyana Antimirova	Canada and Designated Chair (C14)
Timo Eckstein	AC5
Tsuneyuki (John) Ozaki	Chair (C17)
Ursel Fantz	Germany
Vitaly Kveder	Vice-President at Large
William Halperin	Chair (C5)
Xiaoyan Shen	China-Beijing
Young Dong Kim	Korea Delegation Head and Member (C8)
Yuan-Hann Chang	China-Taipei Delegation Head
Zhengguo Zhao	China-Beijing Delegation Head

### **1. Welcome by IUPAP President, presentation of delegates.**

IUPAP President Michel Spiro started the GA at 12.00 CET. He welcomed everyone to the 30<sup>th</sup> General Assembly (GA) and gave the floor to Atish Dabholkar, ICTP Director, who greeted all participants and confirmed the full support of ICTP for the IUPAP Secretary in Trieste.

Michel Spiro welcomed the new IUPAP members: Bulgaria, Jordan, Egypt and Uruguay. Jens Vigen, IUPAP Acting General Secretary for Financial affairs and co-chair of the meeting, called Delegation Heads and other participants in alphabetical order to verify whether a quorum had been reached. Confirmed the quorum, the GA started.

Delegations that were not present:

- Chile
- Egypt
- Estonia
- Iran
- Mexico
- Senegal

Jens Vigen shared the complete list of people participating in the meeting and uploaded it online in the Indico server where also the Agenda and all documents discussed during the Assembly (and mentioned in the following pages) had been previously uploaded: <https://indico.cern.ch/event/1065120/>

### **Apologies**

Bruce McKellar, Past President

Kok Khoo Phua, Secretary General of the Singapore Secretariat

### **2. Recognition of previous officers, adoption of Agenda and approval of the minutes of the 29th General Assembly.**

Michel Spiro presented the GA Agenda that was approved.

Michel described then briefly the events that took place from 2017.

Michel acknowledged the previous officers, recalling his appointment as IUPAP President on the 2<sup>nd</sup> of October 2019, following the resignation of President Kenney Reed because of a family illness. Michel was previously President Designate. The Council and Commission Chairs met in London after receiving the letter from Kennedy Reed and passed a resolution.

Michel described the cascade of events and decisions that followed his appointment as President of IUPAP:

- Silvina Ponce Dawson was nominated Acting President Designate
- Gillian Butcher was designated Acting Gender Champion.

In 2020 there were other nominations:

- Laura Greene became Vice-President at Large
- Boris Sharkov became Acting Treasurer.

As the collaboration with the University of Singapore came to an end, a process of selection was put into plane and finally the International Foundation (FIT) of Trieste, was appointed as new Secretariat location. At the same time IUPAP officers worked to create a Swiss association with legal entity, whose Statute and Bylaws were under scrutiny during 2021 summer and were to be finally approved by the G:

- the 1<sup>st</sup> day of the GA, run under the previous Bylaws and Statute, should vote a necessary update of the Statute to be able to vote online;
- the 2<sup>nd</sup> day of GA should focus on the new Statute and Bylaws, with the vote on the resolutions and articles regarding the transformation of IUPAP into the new legal entity (Swiss association).
- On the 3<sup>rd</sup> day there will be the constitutive assembly of the new IUPAP Association.

The minutes of 2017 GA and the list of participants were attached on the Agenda: minutes were approved.

**3. Report from the President and ratification of decisions of the Executive Council 2018-2021, including the change of location of the IUPAP Administrative Office from Singapore to Trieste.**

Michel Spiro informed that the MoUs mentioned in the Agenda (and available in the Indico server) were signed by the President following the recommendation by the Executive Council (EC). The EC was consulted for all the decisions.

MoUs were signed with:

- FIT
- ICO
- IUHPS
- IUPAC
- LAAAMP
- SCGES

Michel Spiro shared a document showing all the matters approved by the EC since October 2017, including the change of location of the Secretariat.

**4. Report by Secretary General Kok Khoo Phua and Acting Deputy Secretary Generals and Treasurer Designate.**

Kwek Leong Chuan, Deputy Secretary General of the Singapore Secretariat presented the report of Secretary General.

**5. IUPAP financial report 2018-2021.**

Kwek Leong Chuan presented the financial report produced along with Bruce McKellar, IUPAP Past President. The budget for the triennium 2021-2023 was attached as "draft budget 2021-2023".

Kwek Leong Chuan shared and presented the 2018-2021 actual and estimated budget. All documents were available in Indico.

Michel Spiro will check how much of IUPAP reserve can be used for the exceptional events:

- Centenary in 2022
- Anniversary of GA in 2023.

## **6. Strategic plan and corresponding actions.**

Silvina Ponce Dawson, Acting President Designate presented the latest version of the strategic plan of IUPAP, describing what was changed and what was introduced in the document. The strategic plan represents the guidelines for the next three years.

No objections on the strategic plan were made and the plan was adopted.

## **7. Membership matters**

Nithaya Chetty, Vice-President at Large for Membership, chaired the discussion.

He gave a presentation on IUPAP strategy of engagement with members. He welcomed the new members of IUPAP, and he stressed the importance to maintain an engagement both with recently exited members and with countries who have never been a member of the Union.

He indicated that the goal of IUPAP will be to grow its memberships by about 10%. He also described the IUPAP strategy to approach new members.

David Hutchinson, New Zealand, commented that none of the nations in the Pacific have been members of IUPAP. He proposed that these countries could be targeted as potential members of IUPAP.

Nithaya Chetty agreed with that proposal.

## **8. Proposal for dues 2021-2023**

Michel Spiro presented two resolutions that were recommended by the EC.

- Resolutions on dues 2021-2023  
No objections were made; the resolution was approved by consensus.
- Resolution on outstanding dues  
No objections were made; the resolution was approved by consensus.

## **9. Break**

## **10. Presentation of revised Statutes and Bylaws**

Michel Spiro reminded that there has already been a discussion on the new Statutes and Bylaws during dedicated meetings in July with Liaison Chairs. Michel gave some introductory remarks, explaining the reasoning behind the need of a revision of the Statute and Bylaws and the need to become a new legal entity. He explained that revisiting Statutes and Bylaws is a must when entering the 2<sup>nd</sup> centenary of existence of IUPAP. The willingness to change statutes and Bylaws started three years ago, in order to be ready for the celebrations of the centenary.

He added that, since IUPAP is seeking to become a legal entity, the modification of statutes and bylaws is necessary in order to achieve the goal of signing agreements with other Unions (agreements and MOUs). The third reason expressed by Michel was the possibility of being recognized as an ONG (non-governmental organization). Lastly, Michel said that the legal Swiss association, with the bank account in Geneva, and the new Secretariat Office in Trieste will give IUPAP a more permanent establishment. Thanks to these new institutions, IUPAP will not rotate his headquarters, losing the memory of what happened before; Instead IUPAP will be able to distribute the tasks, keeping his global character.

By becoming a legal Swiss Association, Michel said that this will give IUPAP the opportunity to strengthen the link with CERN (draft of MOU with Cern).

Jens chaired the discussion, and he presented the revised Statutes and Bylaws.

The proposed revised text of the Statute was attached to the Agenda and was made available to all members; the text included the original version of the articles of the Statute with the corresponding annotations and modifications, as well as the reasons behind the changes.

No objections were made; The new statutes and bylaws were approved by consensus.

**11. Presentation of Slates of Commissions and Executive Council (made available to members the day before). Proposed changes in the Slates.**

Discussion on the nominations for the Executive Council and for the Commissions. The formal vote will take place on the 2<sup>nd</sup> day of the GA (21<sup>st</sup> October).

- Firstly, Michel Spiro shared the proposal that the Nomination Committee has presented to the Executive Council, concerning the nominations for the composition of the next EC. No objections were made; the proposal of the slates for the Executive Council was accepted by consensus.

The EC is as follows:

*President:* Michel Spiro (France) acting ex-officio

*President Designate:* Silvina Ponce Dawson (Argentina) acting

*Past President:* Bruce McKellar (Australia)

*Secretary General for Legal and Financial Affairs:* Jens Vigen (Switzerland) acting

*Secretary General for Administrative Affairs:* Stefano Fantoni (Italy)

*Vice President at Large with the responsibility as Treasurer, to become Treasurer on the adoption of the New Statutes:* Boris Sharkov (Russia) acting

*Associate Secretary General:* Rudzani Nemtudi (South Africa) renewed

*Vice President at Large with responsibility for the Centenary Celebrations:* Monica Pepe Altarelli (Switzerland) renewed

*Vice President at Large with the responsibility for Outreach and Ethics:* Laura Greene (United States) acting

*Vice President at Large with the responsibility as Gender Champion:* Gillian Butcher (UK) acting

*Vice President at Large with the responsibility for Members (Relations and Development):* Nithaya Chetty (South Africa) renewed

*Vice President from Commission Chairs:* Tetyana Antimirova (Canada) C14

*Vice President from Commission Chairs:* Ani Aprahamian (US, Armenia) C12

*Vice President from Commission Chairs:* Takaaki Kajita (Japan) C4

*Vice President from Commission Chairs:* Kuijuan Jin (CPS China-Beijing) C13

*Vice President from Commission Chairs:* Tae Won Noh (Republic of Korea) C1

- Secondly, Silvina presented the slates for Commissions. She presented the final list of proposed names, commission by commission.

Constantia Alexandrou, Cyprus Delegation Head, raised an issue regarding the nominations of the Commission 17. She asked the reasons why the candidate from Cyprus wasn't selected.

Tsuneyuki Ozaki, Chair of C17, brought up the possibility to consider the candidate from Cyprus to become a C17 associate member. He will discuss the matter with the Commission.

Ritupanga Kanungo, Canada Delegation Head, suggested the possibility to expand the limit of 14 members of each Commission.

Although Michel explained that this number was decided because it guaranteed efficiency of Commissions, but with the possibility to held digital, remote meetings the number might increase. Silvina will hear back from the Chairs and eventually increase the number.

The GA was closed at 15.30 CET.

## **12. Online voting**

**No formal online voting was needed.**

- 1.1) Vote on Strategic Plan**  
Approved by consensus
- 1.2) Vote on New Statutes and Bylaws**  
Approved by consensus
- 1.3) Vote on dues for 2021-2023**  
Approved by consensus

**DAY TWO – Thursday 21<sup>st</sup> October 2021**

**In attendance:**

**Michel Spiro**, President of IUPAP

**Silvina Ponce Dawson**, Acting President Designate

**Jens Vigen**, IUPAP Acting General Secretary for Financial affairs

**Stefano Fantoni**, Designated General Secretary for Administrative Affairs, Secretariat in Trieste and President of FIT

**Sandro Scandolo** ICTP, IUPAP Secretariat in Trieste and Vice President of FIT

**Cecilia Cressi** IUPAP Secretariat (FIT) in Trieste

**Paola Rodari** IUPAP Secretariat (FIT) in Trieste

**Participants (via zoom):**

Bruce McKellar	Past President
Aba Bentil Andam	Ghana, Delegation Head
Ahmadou Wague	Senegal, Delegation Head
Akihide Fujisawa	Japan Delegation Head and (C16),
Amy Flatten	USA
Ana Ferreras	USA
Andre Staudte	Canada
Andrew Sachrajda	Canada
Anisa Qamar	Pakistan, Delegation Head
Anu Kankainen	Finland Delegation Head
Arturo Marti	Uruguay Delegation Head
Bernhard Nunner	Germany Delegation Head
Bruno Nachtergaele	Chair (C18)
Burkard Hillebrands	Chair (C9)
Cecilia Stari	
Christophe Rossel	(WG16)
Christopher Brett	IUPAC Observer
Claes Fahlander	Chair (C12) and Vice-President
Maria de Conceição Abreu	Portugal, Delegation Head
Constantia Alexandrou	Cyprus, Delegation Head
David Hutchinson	New Zealand Delegation Head
David Landau	USA and Chair (C20)
Debashish Chowdhury	India Delegation Head
Debora Menezes	Brazil, Delegation Head
Dino Jaroszynski	Chair (WG7)
Dominique Vernhet	Vice Chair (C15)
Enge Wang	Vice President for Finance (C1)
Eric Falcon	France
Eva Lindroth	Sweden Delegation Head
Florin Buzatu	Romania Delegation Head
Gianluigi Arduini	Designated Chair (WG14)
Gillian Butcher	Gender Champion, Acting President at Large, Chair (WG5)
Guglielmo Fortunato	Liaison Chair Italy
Gustavo Monti	Argentina Delegation Head
Hans Peter Back	Switzerland Delegation Head
Heidi Schellman	Chair (C11)
Hai-Qing Lin	China- Beijing
Hyeonsik Cheong	Korea
Jacinda Ginges	Australia
Jaewook Ahn	Korea
Jaume Navarro	President of IUChPP and Chair (AC6)
Jinping Wang	China-Beijing
Jo Van Den Brand	Chair (WG11)
Joachim Burgdorfer	Austria Delegation Head
Joe Niemela	Treasurer (AC1)



## Minutes of the 30<sup>th</sup> General Assembly of the International Union of Pure and Applied Physics

---

Judith Dawes	Australia and C17 Member
Juozas Vaitkus	Lithuania Delegation Head
Kai Liu Designated	Chair (C9)
Katharina Lorenz	Portugal
KS Narayan	Chair (WG16)
Kuijuan Jin	(C13)
Kwek Leong Chuan	IUPAP Deputy Secretary General, Singapore Delegation Head
Laura Greene	USA; Acting Vice-President at Large and Chair (C10)
Li Lu	China Beijing
Lia Merminga	Designated Chair (WG14)
Lucilla de Arcangelis	Designated Chair (C3)
Luis Huerta	Chile, Delegation Head
Luis Viña	Spain Delegation Head
Marco Kirm	Estonia, Delegation Head
Masaki Sasai	Designated Chair (C6)
Mei Yin Chou	Designated Chair (C20)
Michael Rubinstein	Chair (WG15)
Mirosław Karpierz	Poland Delegation Head
Mitko Gaidarov	Bulgaria Delegation Head
Mohamed Abdel Harith	Egypt, Delegation Head
Moses Jojo Eghan	
Mourad Telmini	Tunisia Delegation Head
Natalia Istomina	Russia Delegation Head
Nicole Bell	Australia
Nithaya Chetty	Vice-President at Large (Membership)
Nojiri Mihoko	Japan
Norman Fleck	IUTAM Observer
Patricia Mcbride	USA
Paul Hardaker	UK & Ireland Delegation Head
Pavel Exner	Czech Republic Delegation Head
Peter Mohr	Chair (C2)
Peter Osei Wusu Adueming	Ghana
Quang Tran	Chair (C16)
Rahul Pandit	Vice-President and Chair (C3)
Ramin Golestanian	(C6)
Ritu Kanungo	Canada Delegation Head
Robert Sporcken	Belgium Delegation Head
Roberto Lalli	(AC6)
Roberto Nardi	Vice-President and Chair (C14)
Roberto Pini	(C17)
Roberto Rivarola Chair	(C15)
Rolf Haug	Vice-President and Chair (C8)
Rosario Gonzalez-Ferez	(C15)
Rudolph Erasmus	South Africa Delegation Head
Rudzani Nemetudi	Associate Secretary General
Ruhi Chitre	AC5 Chair
Sandor Katz	Hungary, Delegation Head
Sekazi Mtingwa	Chair (C13)
Stephan Fauve	France Delegation Head
Stuart Henderson	WG1 Chair
Sunil Gupta	Chair (C4)
Sunniva Siem	
Sunny Seo	Korea and (C4)
Sven Rogge	Australia Delegation Head
Sylvester Kojo Danuor	Ghana
Sylvie Jacquemot	Vice-Chair (C16)
Tae Won Noh	Korea (C10)
Takaaki Kajita	
Tetyana Antimirova	Canada and Designated Chair (C14)
Thibault Fredon	

## Minutes of the 30<sup>th</sup> General Assembly of the International Union of Pure and Applied Physics

---

Timo Eckstein	AC5
Tsuneyuki Ozaki	Chair (C17)
Ursel Fantz	Germany
Vitaly Kveder	Vice-President at Large
William Colglazier	
William Halperin	Chair (C5)
Wofo	Prize Winner, Observer
Xiaoyan Shen	China-Beijing
Young Dong Kim	Korea Delegation Head and Member (C8)
Yuan Hann Chang	China-Taipei Delegation Head
Zhengguo Zhao	China-Beijing Delegation Head

### Preamble

Michel opened the session at 12.00 CET. He asked to the delegations and members that weren't present at the previous meeting to introduce themselves.

Egypt	Present
Estonia	Present
Ghana	Present
Norway	Present
Russia	Present
Senegal	Present

Denmark and Chile were still missing. Quorum was reached.

### 1. Result of the vote on the strategic plan and on the new Statutes and Bylaws and the dues.

The latest versions of all the documents were attached on the Agenda, including the Slates of Commissions.

Michel announced that the agreement on the issues that needed to be voted in the previous meeting was reached by consensus and applause. No need for an after-meeting vote.

- 1.1) Vote on the strategic plan  
No objections on the strategic plan. Approved by consensus.
- 1.2) Vote on New Statutes and Bylaws  
Approved by consensus.
- 1.3) Vote on dues for 2021-2023  
Approved by consensus.

Since the revised Statutes and Bylaws were approved, the 2<sup>nd</sup> day of the GA will be under the revised and approved new Statutes and Bylaws.

### 2. Re-nominations to the Slate of Commissions and the Executive Council. Final slates.

Since the slates for the EC have already been approved by consensus in the previous meeting, Michel said there was no need to review them.

Silvina chaired the discussions on Commissions and shared the display report from the online system that collected candidatures and selections; she went through all the slates and presented the candidates nominated for each commission.

- Silvina pointed out that in C3 there was a replacement: Natalia Iyudu was added in order to increase the fraction of women.

- Some misspellings in the document will be corrected: Tae Won (C10), Mei-Yin Chou (C20).
- The secretary of C12 will be designated later.

There weren't objections on the slates proposed. The slates were approved by consensus.

### **3. New Commissions, Affiliated Commissions, Working Groups.**

Michel presented the revised Statutes and Bylaws, focusing on the section 5.5, which concerned the topic of Commissions. The limit of four associate members was eliminated in the new Statutes. The candidates proposed by the Liaison Committee of Cyprus and Lithuania will be then accepted as affiliated members of C17. They will be ratified as Acting Associate Members by the EC in a few days (by email, before the end of 2021) and will be ratified again by the EC in one year, along with other invited/associate people (it's a way for C17 to link to the Physics Unions located in Cyprus and Lithuania).

By accepting more invited associate members IUPAP will be more inclusive.

Regarding the existing associate members, Bruce clarified that no action will be required until next EC/CC meeting in October; after that, if the associate members will want to continue in their roles, they will have to be reappointed formally.

Michel went through all the files attached in the agenda, presenting all the decisions that had to be made and the recommendations of the EC.

#### **3.1) New Commissions.**

No proposals received.

#### **3.2) Affiliated Commissions.**

**a) Ratification of International Association of Physics Students (IAPS) to become an Affiliated Commission of IUPAP (AC5).**

No objections, approved by consensus.

**b) Ratification of establishing an Inter-Union Commission on the History and Philosophy of Physics (AC6).**

No objections, approved by consensus

**c) Appointment of IUPAP representatives to the new Affiliated Commission (AC6).**

The list of members approved by IUPAP is included in the correspondent attached file in the Agenda.

#### **3.3) Working groups**

**a) Ratification of establishing a Working Group on Ethics.**

No objections, approved by consensus.

However, it needed a rephrase on the term "discrimination"; its mandate will evolve.

Working group in progress.

**b) Ratification of establishing a Working Group in the emerging field of Quantum.**

No objections, approved by consensus.

The title could change: it was proposed to include "Quantum Information" in the title, because many argued that quantum theory in general belongs to many other commissions if not all; "Quantum, Science and Technology" was also proposed.

Working group in progress; there will be a further discussion regarding whether to include or not the term "information" in the title.

**c) Ratification of revised mandate for the Working Group on Women in Physics (WG5).**

No objections, approved by consensus.

**4. Introduction of additional proposed resolutions, including recommendations of the Executive Council.**

Michel shared and went through the texts and proposals that were attached to the Agenda.

- **Res01: Recommendation for an IUPAP resolution concerning the use of units in the International System of Units (SI).**  
*Postponed to next year by CC. The issue will be discussed in the next EC meeting.*
- **Res02: Recommendation for an IUPAP resolution to endorse 2025 as the International Year of Quantum Science and Technology.**  
The conflict with the International Year of Science Engagement lead by the Falling Walls foundation (Germany) must be handled. Michel relies on UNESCO in order to sort out the matter.  
No objections, approved by consensus.
- **Res03: Ratification of renaming the IUPAP Young Scientist Prizes to IUPAP Early Career Scientist Prizes.**  
No objections, approved by consensus.  
David Landau proposed to add a starting date for the change: *beginning next year.*
- **Res04: Ratification of requirement ensuring diversity of candidates for IUPAP awards.**  
No objections, approved by consensus.
- **Res05: Adoption of the Waterloo Charter for Gender Inclusion and Diversity.**  
No objections, approved by consensus
- **Res06: Recommendation on Open Science.**  
No objections, approved by consensus
- **Res07: Guideline for conference organization.**  
No objections, approved by consensus
- **Res08: Draft MoU CERN-IUPAP**  
No objections, approved by consensus
- **Res09: Future General Assemblies**  
No objections, approved by consensus
- **Res10: Endorsed conferences.**  
No objections, approved by consensus

**5. Break**

**6. Discussion of the planned establishment of an IUPAP association under Swiss law with seat in Geneva.**

Jens chaired the discussion. He presented the new Articles and Internal Regulations for the “new” IUPAP, a legal entity under Swiss law. The Statutes and Bylaws were discussed in deep detail with Members during the special meeting in July 2021, and the proposal was integrated with all the feedbacks coming from the members.

Jens explained the main goals behind the transformation:

- Carry over all IUPA members in the “new” IUPAP
- The “new” IUPAP will adopt all resolutions made by IUPAP
- Membership dues can only be collected by one of the two entities.

He also explained the sequence of events that will lead to the formal constitution of the “new” IUPAP. IUPAP is assisted by Swiss lawyers. They confirmed that with the new Statute and Bylaws, IUPAP will be exempted from paying taxes.

**6.1) Approval of the constitution of an IUPAP association under the new Articles and Internal Rules of Association.**

Approved by consensus.

**6.2) Approval of the concept that upon creation of the IUPAP association, all IUPAP members become members of the IUPAP association.**

Approved by consensus

**6.3) Approval of the elected Executive Council and bodies for IUPAP association, such that the bodies of IUPAP association and old IUPAP shall be the same for the transition period until final liquidation of old IUPAP.**

Approved by consensus

**6.4) Approval of the concept that dues will be collected by only one of these two entities.**

Approved by consensus

**6.5) Resolution that the old IUPAP be dissolved on a date to be determined by its EC.**

Approved by consensus

**6.6) Resolution that the liquidation (i.e the handing over of assets and archives, the payments of debts and the organization of the transfer of certain contracts or MoUs and past resolutions as the case may be) shall be handled by the EC (this shall include steps regarding the dissolution and liquidation of IUPAP Singapore Ltd.).**

Approved by consensus

Michel said IUPAP should publicize all the new resolutions of the new IUPAP with all the possible tools (such as social media/ newsletter). He also added that IUPAP should find a way to spread the substance of the reports to the communities.

## **7. Questions to Chairs of Commissions**

The reports of the Commission Chairs were attached to the Agenda.

Gillian Butcher, Gender Champion, Acting President at Large and Chair (WG5), pointed out the problem of predatory conferences, asking for guidelines.

## **8. Questions to Working Group Chairs**

Michel reminded that during the last GA, the working group on Physics and Industry was created (WG 16). Michel shared the summary of this WG, who aims at creating a stronger and stabler link between the physics community and industry.

The summary had an important impact on the new Statutes and Bylaws of IUPAP.

## **9. Questions to the Neutrino Panel**

Heidi Schellman, Chair (C11), chaired the discussion. She presented the report from the Neutrino Panel. Her report was based on prior reports by Mandred Lindner. On behalf of the Neutrino Panel, she asked for permission to publish the science part as a review paper; the permission was granted.

Michel said that the report should be more publicly available.  
Heidi will put the report in the archives.

## **10. Questions to the Gender Champion**

Gillian Butcher introduced the file attached on Indico. She presented a brief report, where she showed that inclusiveness and gender equality are progressing.

No need for an after-meeting vote because the agreement was reached by consensus.

**11. Online voting**

**2.1) Elections of Commissions (members).**

Approved by consensus.

**2.2) Vote on new commissions, affiliated commissions, working groups.**

Approved by consensus.

**2.3) Elections of Executive Council.**

Approved by consensus.

**2.4) Vote on Resolutions.**

Approved by consensus.

**DAY THREE – Friday 22<sup>nd</sup> October 2021**

**In attendance:**

**Michel Spiro**, President of IUPAP

**Silvina Ponce Dawson**, Acting President Designate

**Jens Vigen**, IUPAP Acting General Secretary for Financial affairs

**Sandro Scandolo** ICTP, IUPAP Secretariat in Trieste and Vice President of FIT

**Cecilia Cressi** IUPAP Secretariat (FIT) in Trieste

**Paola Rodari** IUPAP Secretariat (FIT) in Trieste

**Participants (via zoom):**

Stefano Fantoni	Designated General Secretary for Administrative Affairs, Secretariat in Trieste and President of FIT
Aba Bentil Andam	Ghana, Delegation Head
Ahmadou Wague	Senegal, Delegation Head
Akihide Fujisawa	Japan Delegation Head and (C16)
Amy Flatten	USA
Ana Ferreras	USA
Ana Georgieva	Bulgary
Ana Maria Cetto	Mexico, Delegation Head
Andre Staudte	Canada
Andrew Sachrajda	Canada
Angela Bracco	
Anisa Qamar	Pakistan, Delegation Head
Anu Kankainen	Finland, Delegation Head
Arturo Marti	Uruguay, Delegation Head
Bernhard Nunner	Germany, Delegation Head
Boris Sharkov	Acting Treasurer
Bruce McKellar	IUPAP Past President
Bruno Nachtergaele	Chair (C18)
Burkard Hillebrands	Chair (C9)
Cecilia Stari	Uruguay
Charles Amuah	Ghana
Christophe Rossel	(WG16)
Christopher Brett	IUPAC Observer
Claes Fahlander	Chair (C12) and Vice-President
Constantia Alexandrou	Cyprus, Delegation Head
Cyrus Pan Walther	(AC5)
David Hutchinson	New Zealand, Delegation Head
David Landau	USA and Chair (C20)
Debashish Chowdhury	India, Delegation Head
Debora Menezes	Brazil, Delegation Head
Dino Jaroszynski	Chair (WG7)
Dominique Vernhet	Vice-Chair (C15)
E William Colglazier	USA
Enge Wang	Vice-President at Large, (C1)
Eric Falcon	France
Eva Lindroth	Sweden, Delegation Head
Evgeniya Valcheva	
Florin Buzatu	Romania, Delegation Head
Francis Hasford	Ghana
Gerard Gilmore	Chair (C19)

## Minutes of the 30<sup>th</sup> General Assembly of the International Union of Pure and Applied Physics

---

Gianluigi Arduini	Designated Chair (WG14)
Gillian Butcher	Chair (WG5), Gender Champion and Acting President at Large
Guglielmo Fortunato	Liaison Chair Italy
Gustavo Monti	Argentina, Delegation Head
Hai-Qing Lin	China-Beijing
Hans Peter Beck	Switzerland, Delegation Head
Hari Haran Balakrishnan	Observer
Heidi Schellman	Chair (C11)
Hyeonsik Cheong	Korea
Ian Gardner Bearden	Denmark, Delegation Head
Jacinda Ginges	Australia
Jaewook Ahn	Korea
Jaume Navarro	Chair (AC6), President of IUCHPP
Jerry Opoku-Ansah	Ghana
Jinping Wang	China-Beijing
Jo Van den Brand	Chair (WG11)
Joachim Burgdorfer	Austria, Delegation Head
Joe Niemela	Treasurer (AC1)
John Damilakis	Chair (AC4)
Judith Dawes	Australia, (C17)
Julius Cirak	Slovak Republic, Delegation Head
Juozas Vaitkus	Lithuania, Delegation Head
K S Narayan	Chair (WG16)
Kai Liu Designated	Chair (C9)
Katharina Lorenz	Portugal
Kuijuan Jin	Designated Chair (WG13)
Kuijuan_Jin	(C13)
Kwadwo Dompseh	Ghana
Kwek Leong Chuan	Deputy Secretary General, Singapore Delegation Head
Laura Greene	Acting Vice-President at Large and Chair (C10), USA
Li Lu	China - Beijing
Lia Merminga	Chair WG14
Lucilla de Arcangelis	Designated Chair (C3)
Luis Huerta	Chile, Delegation Head
Luis Viña	Spain, Delegation Head
Makaiko Chithambo	South Africa
Marc Himbert	Designated Chair (C2)
Marco Kirm	Estonia, Delegation Head
Margaret Rosenberg	(AC5)
Maria de Conceição	Portugal, Delegation Head
Maria Sanchez	Cuba, Observer
Masaki Sasai	Designated Chair (C6)
Mei-Yin Chou	Designated Chair (C20)
Michael Rubinstein	Chair (WG15)
Mirosław Karpierz	Poland, Delegation Head
Mitko Gaidarov	Bulgaria, Delegation Head
Mohamed Abdel Harith	Egypt, Delegation Head
Monica Pepe Altarelli	Vice-President at Large, Chair WG17
Moses Jojo Eghan	Ghana
Mourad Telmini	Tunisia, Delegation Head
Naoto Nagaosa	Designated Chair (C5)
Natalia Istomina	Russia, Delegation Head
Nicole Bell	Australia
Nithaya Chetty	Vice-President at Large (membership matters)
Nojiri Mihoko	Vice-Chair (C11), Japan
Norman Fleck	IUTAM Observer
Patricia McBride	USA
Paul Hardaker	UK & Ireland, Delegation Head
Paul Wofo	Observer: prize winner
Pavel Exner	Czech Republic, Delegation Head



## Minutes of the 30<sup>th</sup> General Assembly of the International Union of Pure and Applied Physics

---

Peter Mohr	Chair (C2)
Peter Osei Wusu Adueming	Ghana
Quang Tran	Chair (C16)
Rahul Pandit	Vice-President and Chair (C3)
Ramin Golestanian	(C6)
Rituparna Kanungo	Canada, Delegation Head
Robert Sporcken	Belgium, Delegation Head
Roberta Ramponi	Past President (AC1)
Roberto Lalli	(AC6)
Roberto Nardi	Vice-President and Chair (C14)
Roberto Pini	(C17)
Roberto Rivarola	Chair (C15)
Rodrigo Capaz	Brazil
Rolf Haug	Vice-President and Chair (C8)
Rosario Gonzalez-Ferez	(C15)
Rudolph Erasmus	South Africa, Delegation Head
Rudzani Nemutudi	Associate Secretary General
Ruhi Chitre	Chair (AC5) and IAPS President
Sandor Katz	Hungary, Delegation Head
Sekazi Mtingwa	Chair (C13)
Shahin Rouhani	Iran, Delegation Head
Stephan Fauve	France, Delegation Head
Stephen Inkoom	Ghana
Stuart Henderson	Chair WG1
Sunil Gupta	Chair (C4)
Sunniva Siem	Norway, Delegation Head
Sunny Seo	Korea, (C4)
Sven Rogge	Australia, Delegation Head
Sylvester Kojo Danuor	Ghana
Sylvie Jacquemot	Vice-Chair (C16)
Tae Won Noh	Korea (C10)
Takaaki Kajita	(C4)
Tetyana Antimirova	Canada, Designated Chair (C14)
Thibault Frredon	AC5
Timo Eckstein	AC5
Tsuneyuki (John) Ozaki	Chair (C17)
Ursel Fantz	Germany
Vitaly Kveder	Vice-President at Large
William Halperin	Chair (C5)
Xiaoyan Shen	China-Beijing
Young Dong Kim	Korea Delegation Head and (C8)
Yuan-Hann Chang	China-Taipei, Delegation Head
Zhengguo Zhao	China-Beijing, Delegation Head

### Preamble.

Michel Spiro starts the session at 12.00 CET. He showed the list of participants registered for the meeting. Michel asked to members and heads of delegations that weren't present in the previous meetings to introduce themselves.

He reminded that all the documents will be attached to the Agenda in Indico and will be archived in the IUPAP website.

Michel went through the Agenda.

### 1. Results of the votes on Commissions, Executive Council, Resolutions and new IUPAP association.

Michel recalled all the decisions that were voted during the 1<sup>st</sup> and 2<sup>nd</sup> day of the General Assembly.

### 2. Closure of the "old" IUPAP General Assembly.

Michel declared the IUPAP General Assembly under the old Statutes and Bylaws closed.

### 3. Opening of the constitutive assembly for the “new” IUPAP association under Swiss law.

Michel opened the constitutive General Assembly. Michel presented the required actions in order to constitute the “new” IUPAP association, according to the rules of legal associations.

- **Appointment of a scrutineer.**  
The scrutineer will monitor that the decisions are made according to the rules. Jens introduced the candidates for this role. Jens suggested to elect Luis Huerta - from Chile - and Sunniva Siem - from Norway.  
Luis Huerta and Sunniva Siem accepted the appointment as scrutineers.
- **Adoption of the articles of association** (reminder of what was approved during the meeting on the 21<sup>st</sup> of October)
- **Members of IUPAP** (reminder of what was approved during the meeting on the 21<sup>st</sup> of October).
- **Appointment of the board members** (Confirmation of the Executive Committee as approved during the meeting on the 21<sup>st</sup> of October).
- **Appointment of the auditor**, to be followed by the scrutineer.  
Michel said that as soon as the bank account is created, IUPAP will open a call for auditors. The scrutineers will be fully informed in order to verify that the procedure is done unbiasedly.

### 4. IUPAP Centenary and next General Assembly in 2023.

Monica Pepe – Altarelli, Vice-President at Large and Chair WG17, presented the state of the art and facilitated the discussion. She explained the initiatives planned for the IUPAP Centenary.

The plan on IUPAP Centenary includes:

- ***The Centenary Symposium***  
Dates: 11/12/13 July 2022  
At ICTP, in Trieste, with online participation (or SISSA, depending on the Covid regulations regarding the maximum number of participants in the same conference hall)  
IUPAP C&CC 8/9 July 2022  
IUPAP GA 14 July

Monica presented the sketched program of the Centenary. The program will be articulated as follows:

- Three segments on the IUPAP history, one per day
- A virtual connection to a very large (ICHEP 2022, in Bologna, ~1000 people) C11 IUPAP type A conference on day one
- Five panels on IUPAP mission statements 1. Women and underrepresented groups 2. Science advising policy 3. Early career 4. Physics for development 5. Education
- Three regional panels addressing achievements in the region and expectations from IUPAP (What can IUPAP do for the region?) 1. Latin America 2. Asia & Pacific 3. Africa & Middle East
- Four very prestigious keynote speakers (from the list provided by the commissions)
- Three shorter keynote speakers (early career, from the list provided by the commissions)
- Two thematic presentations (mini panels): 1. Why it is important to be a member 2. Focus on life outside of academia.

The Centenary will also include:

- ***History of IUPAP*** – A collaboration is in act and included the digitalization of the Union archives. Project schedule as follows:
  - Digitization of IUPAP archives: January-December 2021

- Deadline for abstracts: November 2021
- Pre-circulation of draft manuscripts: end June 2022
- Workshop in San Sebastian/Donostia, Spain: Oct. 2022
- Research compiled in a book to be published in 2023 (primary target: Oxford University Press)
- **Satellite events** to be organized at a local, regional and international level elsewhere in the world
- **Photo contest**

Michel encouraged all the members to be involved in the Centenary celebrations, either by participating to the Symposium or by organizing events that IUPAP will integrate to the Centenary celebrations.

Monica suggested to organize the 2023 GA at CERN. Michel proposed the idea to coincide the GA to the closing Ceremony of the IYBSSD. Moreover, the Centenary in July could be part of the International Year of Basic Science for Sustainable Development (IYBSSD), close to the opening ceremony at UNESCO.

### 5. The International Year of Basic Science for Sustainable Development (IYBSSD).

The IYBSSD should be declared at the end of November, will begin mid-2022 and extend until mid-2023. Michel shared a presentation he made at the International Basic Sciences Program at UNESCO, presenting the project.

Nojiri Mihoko, Japan Delegate, asked about the use of logo of IYBSSD, especially for local and endorsed events.

The issue will be separately handled by Michel, who informed that in the IYBSSD website there is already an online form to submit proposals.

### 6. UNESCO, ISC and SESAME.

- No representative of UNESCO was invited to the meeting, so there was not a report from UNESCO. Michel proposed to invite representatives of UNESCO next year.
- International Science Council: no members attended the meeting in order to give a presentation.
- Joseph Niemela, Treasurer (AC1), reported on Sesame. He presented a report on SESAME Travel Award Program, supported by IUPAP and 11 societies around the world.

### 7. Break

### 8. Conferences approved in 2018-2021. Conferences approved for 2022.

Rudzani Nematudi, Associate Secretary General, chaired the discussion.

He presented the slides recapping the guidelines that define the support given to the conferences and the current situation of the resources allocation. He showed the selection criteria of IUPAP conferences. He presented the conference support trends and stats since the last GA in 2017 and in particular in the period between 2018 and 2021. Because of the Covid, many conference were postponed or held digitally, so that the conferences to be held in 2022 are more than usual. He went through the list of the 2022 conferences approved by Council: 37, total cost if held 236,500 €.

He pointed out the need to support also online conferences.

### 9. Presentation of the new Administrative Office in Trieste, acknowledgment and thanks.

Stefano Fantoni, Designated Secretary General for Administrative Affairs and President of FIT (Trieste International Foundation for Scientific Progress and Freedom) participated by remote and presented the new IUPAP Administrative Office in Trieste.

#### **10. Henri Abraham long service award and C13 medal.**

Michel announced that IUPAP Council and Commissions Chairs (C&CC) have unanimously approved the establishment of an award to recognize those who have given long and meritorious service to the Union but have not been President of IUPAP or Chair of a Commission or WG. With their long service (more than 9 years) they have helped IUPAP to achieve and sustain its mission.

The first laureates of the award were selected at the IUPAP's C&CC meeting in October 2020.

Michel presented the winners of the Henry Abraham Award:

- Luis Viña
- Terrance J. Kessler
- Jackie Beamon-Kiene
- Willem van Oers

Sekazi Mtingwa, Chair of C13 Commission, presented the recipient of the 2020 IUPAP Medal for outstanding contribution to the enhancement of physics in developing countries (Physics for Development medal):

- Professor Paul Wofo, University of Yaoundé, Camerun.

Paul Wofo introduced himself and his work in supporting physics teaching in his country.

#### **11. Introduction of the President Designate**

Silvina Ponce Dawson introduced herself, her vision and action plan. She explained that her vision is expressed in the presented strategic plan.

Besides the most "traditional" activities of IUPAP she plan to operate in the following areas:

- Diversity and inclusion
- Physics for Sustainable Development
- Physics Education
- Liaise with students and early career physicists
- Outreach (to reach out to potential future scientists, to help increase scientific literacy of the general public and of policy makers). We need a stronger presence on the Web and on social networks for this and to be better known.
- Try to increase the role of IUPAP connecting the physics community and policy makers.
- Liaise with other unions and disciplines
- Scientific integrity and ethics.

#### **12. Closing of the Constituting General Assembly by the President.**

Michel thanked everyone for their participation in the General Assembly and their work in transferring the IUPAP Secretariat from Singapore to Trieste.

Michel closed the General Assembly at 16.00 CET.