

Minutes of the Meeting of the IUPAP Executive Council &
Commission Chairs, Nanyang Technological University
(NTU), Singapore, 03 - 04 November 2014

Present:

Cecilia Jarlskog (President), Sukekatsu Ushioda (Past President), Bruce McKellar (President Designate), Stuart Palmer (Secretary General), Rudzani Nemutudi (Associate Secretary General), Williamina Lazaro (Administrator).

Vice-Presidents at Large: Marcia Barbosa, Mustansir Barma, Francis Allotey.

Vice-Presidents/Commission Chairs: Stefano Ruffo (C3), Kimitoshi Kono (C5), Ingrid Mertig (C9), Katharine Gebbie (C15), Alex Hansen (C20)

Commission Chairs/Representatives: William Phillips (C2, representing Stephen Lea), Johannes Knapp (C4), Kenichi Yoshikawa (C6), Robin Nicholas (C8), Yasuhiko Fujii (C10), Hiroaki Aihara (C11), Hideyuki Sakai (C12), Amadou Wague (Secretary representing Paulo Murilo de Castro Oliveira C13), Robert Lambourne (C14), Katherine Gebbie (C15), Robert Bingham (C16), Deborah Kane (Vice Chair representing Victor Zadkov C17), Jakob Yngvason (C18), Grazina Tautvaisiene (Secretary representing Thanu Padmanabhan C19)

Affiliated Commission Chairs/Representatives: Duncan Moore (AC1), Beverly Berger (AC2 secretary representing Gary Horowitz), Marion Burgess (AC3), Fridtjof Nsslin (AC4)

Apologies:

Wenlong Zhan (VP at large), Stephen Lea (Chair C2), Alexandr Kaminski (VP at Large), Paulo Murilo de Castro Oliveira (Chair, C13), Victor Zadkov (Chair, C17), Thanu Padmanabhan (Chair, C19), Gary Horowitz (AC2)

1 Presidents welcome and introductions

IUPAP President Cecilia Jarlskog welcomed all delegates to the meeting, and thanked Professors Kwek Leong Chuan and Kok-Khoo Phua of the Institute of Advanced Studies for hosting the 2014 IUPAP C&CC meeting at the National Technological University, Singapore. President Jarlskog also formally welcomed all those attending the C&CC meeting as representatives of their commission chairs.

2 Adoption of the agenda and approval of Minutes of the previous C&CC Meeting held on 01 02 October 2013, CERN, Switzerland

The agenda was adopted without alteration, and the minutes of the C&CC meeting held on 01 02 October 2013, CERN, Switzerland were approved subject to the correction of the spelling of the name of Catherine Gebbie.

2.1 Matters arising from the Switzerland CERN Minutes:

The matter regarding the scientist prize will be discussed as one of the agenda items.

3 Presidents Report

President Cecilia Jarlskog gave a brief review of the past three years since the London 2011 General Assembly. She thanked Rudzani Nemutudi and Marcia Barbosa for respectively hosting the February and the October 2012 C&CC meetings.

4 Move of the IUPAP office to Singapore

Cecilia highlighted the imminent move to Singapore of the IUPAP secretariat and administrative office as being in the broader interest of IUPAP, citing very dynamic forces that are at play in Singapore as something that portend well for the future growth of physics.

The president gave a historic account of how the IUPAP offices had always moved since its formation in 1922 in Paris, with the US and the UK as the two recent hosts. Cecilia invited Professors Koo-Khoo Pua and Kwek Leong Chuan of the Institute of Advanced Studies at NTU for a brief introduction and formal welcoming of the C&CC delegates.

The C&CC delegates were formally welcomed by Professor Kwek Leong Chuan. He stated in his address that he had invited several Asian countries to come and meet with the IUPAP officials during the course of the C&CC meeting and the General Assembly. All the invited Asian countries (with the exception of Singapore and the Philippines) are currently not members of the IUPAP, and a number of them are considering the possibility of joining the IUPAP as formal member states.

Professor Kwek Leong Chuan's welcome address was followed by an interactive interlude, with C&CC delegates asking questions mainly related to the imminent move of the IUPAP offices to Singapore.

Cecilia indicated that the IUPAP accounts would not be moved from the UK with immediate effect as it was only discovered lately that the UK rules did not allow for the accounts of charitable companies (which is the status of IUPAP in the UK) to be transferred from the UK.

The transition phase in the relocation of IUPAP offices from the UK to Singapore will therefore involve a stage where all the invoices will be issued from Singapore while the bills are being paid up from the UK until the UK-based IUPAP accounts are depleted. This is expected to last approximately three years. The IUPAP accounts will still be kept in Euros (despite the fact that the Singapore dollar was relatively stronger).

5 Report of the Secretary General

The IUPAP Secretary General Stuart Palmer gave a brief report of activities since the last C&CC meeting at CERN.

Stuart indicated that the IOP office was looking forward to co-operating and working hard with the NTU colleagues to facilitate a smooth transition to relocate the IUPAP secretariat and administrative offices to Singapore.

Stuart thanked the IOP team, specifically Ms Williamina Lazaro, for the time she dedicated in the past six years as the IUPAP administrator up and above her formal duties at the IOP in the UK. Mr Palmer concluded his report with a commitment that the IOP will continue to safeguard the IUPAP accounts for the duration of their remainder in the UK.

6 Preparation of Slates for membership of IUPAP Commissions

Cecilia outlined the consultative process followed in preparing the slates for the commissions and the executive council. As agreed at the last meeting, a committee of four convened to produce the first draft of the slate. The committee consisted of past president Sukekatsu Ushioda, President designate Bruce McKellar, Secretary General Stuart Palmer, and Vice-President at Large Alexandr Kaminski. Cecilia added that one of the core duties of the committee was to do its best to ensure that countries that had IUPAP shares participated in the nomination process. Despite all the efforts, some countries still did not respond.

Bruce McKellar presented the proposed commission membership slate which was compiled after consultation with commissions and national liaison committees. A total of 14 members are allocated per commission in accordance with the IUPAP structure.

Bruce explained that while all comments and proposals from commissions and national liaison offices were taken into account, it was not possible to meet all expectations as geographic representation had to be balanced against other equally compelling parameters such as gender representation as well as the preponderance of expertise in the field.

In his presentation of the Commissions slate, Bruce also displayed the corresponding number of shares for each member-state to highlight how this corresponded to the representation of the suggested slate.

Shortcomings of the commissions slate could be addressed through Associate membership within the commissions.

The C&CC meeting endorsed the presented slates for the IUPAP Commission membership.

These slates will be presented to the General Assembly.

7 Presentation of Slate for Membership of IUPAP Executive Council

Bruce McKellar presented the proposed slate for IUPAP Council membership. The proposed council slate consisted Past President: Cecilia Jarlskog, President: Bruce McKellar, President Designate: Kennedy Reed, Secretary General: Ko-Khoo Phua, Associate Secretary General: Rudzani Nemutudi, and five Vice Presidents at Large (VPs), viz Francis Allotey and Wenlong Zhan, who are reappointable, having served one year, Alex Hansen, who served as a Commission Chair Vice President and was eligible for an appointment

for one term as a Vice President at large, and new appointees Vitaly Kvaider and Monica Pepe-Altarelli. If the General Assembly accepts the slate of Commission Chairs, it is proposed that the slate for Vice Presidents Elected from Commission Chairs be Toshiyuki Azuma (C15), J. Raynien Kwo (C10), John Saunders (C5), Alinka Lpine-Szily (C12) and Grazina Tautvaisiene (C19).

The C&CC meeting endorsed the proposed slate for the Executive Council for presentation to the 28th IUPAP General Assembly.

8 Financial Matters

8.1 Financial Statements for 2012, 2013 and 2014

Bruce McKellar presented the 2012, 2013 and 2014 financial statements.

Income from dues is currently more than was budgeted for due mainly to the efforts of Williamina who sent numerous reminders to member-states that were either in default or lagging behind in their payment schedules. With a little more income than was budgeted for, a surplus will be carried from 2013 to 2014 financial year-end, and it is expected that 2014 will end with a small surplus, to be returned to the reserve fund.

Expenses for the current financial year are, as budgeted for, significantly higher than the previous year as a direct result of the C&CC meeting being held together with the 28th General Assembly.

As was resolved at the last C&CC meeting, as part of cost-containing measures, from 2015 onwards, the IUPAP will abandon the recent practice of holding two C&CC meetings during the year following the General Assembly. As a result, there will be one C&CC meeting every year, starting in 2015.

With the imminent move of the IUPAP office to Singapore, the 2015 IUPAP invoices will be issued from Singapore while payments are concurrently settled from the UK until the UK IUPAP account is depleted.

The reserve funds at the end of 2013 were 896,749 EUR, approximately twice the annual income.

8.2 Proposed budget for 2015 and Forecast for 2015 - 2017

Bruce presented the proposed IUPAP budget-forecast for 2015 - 2017, assuming the 3% per annum increase in the dues..

The projected income is 2015: 444 517, 2016: 457 853, and 2017: 471 859. Note that this represents the expected income which is less than the amount which will be invoiced to members.

The budget forecast restores the allowance for conferences expenses back to the levels of 2012.

For 2017, the year of the next General Assembly, the allowance for the C&CC is as in the previous two years, but with costs of GA increased by 20 000 compared to the 2014 allowance

Estimated cost of managing the IUPAP-UK account is 2 000 per annum for 2015-2016, and a provision of 5 000 is set aside for establishment of IUPAP office in Singapore in 2015.

ICSU had implemented a 3% inflation-related increase in the union dues which is incorporated in the dues to be paid to ICSU

The meeting discussed at length the possibility of increasing the Young Scientist Prize as a means to enhance the visibility of the IUPAP. There was consensus that mere increase in monetary value of the prize will not necessarily translate into enhanced visibility of IUPAP, nor will it guarantee either the popularity or the prestige of the Prize. It was instead agreed that IUPAP should explore the possibility of establishing a special IUPAP prize. Other interventions suggested as possible means of enhancing visibility of IUPAP included filmed lecturers and IUPAP posters which should be advertised on noticeboards of all Physics Departments around the world, starting with those (Physics Departments) at countries that are IUPAP member states.

These discussions were simply noted as items that may be considered by the new Council and Commission Chairs, and were not included in the budget for the 2015-2017 triennium at this stage.

8.3 Membership dues

A few member-countries had either not yet paid their dues, or had not paid in full.

A 3% increase in IUPAP share price is to be implemented in the next three years; setting the forecast year:shareprice ratio at 2015: 2082, 2016: 2144, and 2017: 2208.

The C&CC meeting was reminded that some countries had in fact been accepted as IUPAP member-states at less than a full-share prize; and even within this category, a few countries still battle to pay their dues.

The statutes of IUPAP require that appropriate action be taken in cases where a member defaults in payment for more than three years. Accordingly, if a member has not settled

her dues for three consecutive years, she is not entitled to vote at the General Assembly. If the dues are not settled for three more years, then membership could be terminated.

Approval for an increase in the number of shares could be granted by council in between the General Assemblies.

The C&CC meeting also noted the plight of countries that are in financial difficulties but would otherwise like to remain a part of IUPAP. The consensus of the meeting was that such countries should be accommodated until such time that their financial situation is regarded (by IUPAP) to have improved. One way to accommodate them is to change their membership to observer status until their situation is improved. There is an anomaly in that countries in arrears are expected to pay the outstanding dues, whereas a member may resign, and then rejoin without being liable for unpaid dues. Ways of handling members in financial difficulties are to be considered further by the new Executive Council

9 Reports from Commissions, Affiliated Commissions and Working Groups

Cecilia stated that the Commissions and Working Groups reports which formed an integral part of the meeting documentation would be regarded as read, and that the commission chairs or their representatives were only required to address pertinent issues within the submitted reports.

Brief reports were orally presented for all Commissions and affiliated Commissions, viz C2, C3, C4, C5, C6, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, AC1, AC2, AC3 and AC4. The Commission reports are in Appendix (Ax?).

Working Group Reports: The meeting noted the reports submitted by working groups WG1 (International Committee on Future Accelerators) (part of C3 report), WG2 (Working Group on Communication in Physics), WG5 (Working Group on Women in Physics), WG12 (Working Group on Energy) together with the report on Gender Champion.

9.1 General notes and decisions on Commission Reports

Bill Phillips, representative of the chair of C2, highlighted that more units of SI will soon be defined on the basis of fundamental constants, and in the not so distant future all units would be defined in this way.

Phillips emphasized the need for IUPAP to establish a working group on Newtonian Constant of Gravitation in order to add gravitas to the idea of fostering international scientific dialogue and co-operation in the physics of the measurement of Newtonian G.

Marion Burgess, president of ICA, flagged for the consideration of the C&CC meeting the possibility of declaring 2019 the International Year of Sound. This could be raised at some stage during the General Assembly in much the same way as the proposal was presented at the London 2011 General Assembly for declaring 2015 the International Year of Light. Bruce pointed out that Marion might want to have a discussion with Vice President at Large Francis Allotey from Ghana who was intimately involved in the campaign for the International Year of Light.

9.2 The Future of IUPAP

Cecilia requested delegates to offer ideas on what IUPAP should do to ensure its future relevance. Suggested ideas included investing more on education and outreach programmes. The implementation of the new method of defining units was also cited as an example of how IUPAP could pro-actively lead the way in sensitizing the scientific community about pending or future developments that could literally lead to the re-writing of science textbooks.

Grazina Tautvassiene indicated that there was a need to assign some tasks to all the members of IUPAP Commissions.

Fridtjoff emphasized the need for IUPAP to ensure that Education and Training in Developing countries should never be separated from cutting edge science and research. While it is a wonderful idea to export physics research programmes to developing countries, it is also of fundamental importance to assist developing countries to establish sustainable research programmes in their regions. IUPAP should champion the idea of inspiring and assisting people to do something positive in their own countries.

Marcia Barboza felt that in the same way as the IUPAP has a Gender Champion, special consideration should be given to the idea of establishing the position of an IUPAP outreach champion. NIMS (National Institute of Materials Science) of Japan was cited by Katsu as an example of one institution which has established a position in charge of outreach programs.

The February 29 National Science Day in India which celebrates the discovery of Raman Effect, together with the Shanghai Science Festival in China were also cited as examples of events where IUPAP could participate to popularize itself and to ensure its current and future relevance.

Chair of C4, Johannes Knapp highlighted the need to re-look the aims of the IUPAP as currently listed on the webpage as there are positive things that are currently taking place which are not necessarily reflected as aims or objectives of IUPAP. The work of physicists in the discovery of heavy elements and the collaboration of IUPAP with IUPAC

in formalizing the announcement was cited as a prime example of areas that are not covered in the definition of the broad aims and objectives of IUPAP.

IUPAP should also promote the idea of public lectures. It was noted that almost all International Conferences do have public lectures, though not all of them carry the IUPAP tag.

The Young Scientist Prize Programme should be continued, and commissions that have successfully implemented it should share ideas with those that continue to struggle in reaching out to a wide pool of potential applicants. Despite occasional logistic hazzles reported by commissions, the YSP was acknowledged to be one of the most effective means of popularizing IUPAP.

10 Report-ICSU 2011-2014 and MOU-IUPAP-UNESCO

Kennedy Reed verbally presented the report he submitted on ICSU and his overall experience of it (ICSU) during his three year tenure as a union representative in the ICSU executive board. He highlighted the successes of ASESMA which was started in 2010 in South Africa and subsequently went to Kenya in 2012. The follow-up schedule, ASESMA-2014 was to be held in Nigeria but had to be postponed due to recent political unrest.

Kennedy also highlighted that ICSU has co-operative relations with UNESCO although the two organizations have distinctly different identities in that UNESCO is a governmental organization while ICSU is a NGO (Non-Governmental Organization).

Bruce indicated that the New Treasurer of ICSU is Barbara Erusmus who is a Physicist. It would be appropriate if Barabara is requested to also serve as the IUPAP liaison.

Meeting adjourned end of first day and resumed the following morning

11 Review of first Day

Cecilia and Bruce briefly commented on the Commission slates. Two people on the slate had not responded to several emails and may have to be replaced.

Cecilia made a fresh appeal to the outgoing chairs of commissions who had been serving the IUPAP for three years to please send her suggestions about the future of IUPAP, noting the idea of establishing an Outreach Champion as one of the highlights of suggestions meant to popularize IUPAP.

12 Conferences, Reports and Approval

Rudzani Nemitudi presented a list of 2015 conference applications: A total of 31 Conferences were approved for 2015 IUPAP funding or endorsement. In their designated categories, 11 A, 14 B, 3 C and 3 D conferences were approved. The approved conferences are listed in Appendix D.

Each A conference will be allocated the sum of 5 000 as a basic conference grant together with an extra 5 000 travelling grant to assist conference delegates travelling from under-developed and developing countries. Each B conference will receive the sum of 5 000 basic conference grant. All C conferences were endorsed without financial support. A total of 21 000 was allocated to support three category D conferences, with each D conference receiving the sum of 07 000 for a conference grant.

13 Discussions of and Recommendations/Decisions on Proposals Presented at Earlier Meetings

13.1 Changing the name of C17

The proposal to change the name of Commission 17 was briefly discussed, with the Vice-Chair of C17 strongly emphasizing the need to conclude the issue as it has been an agenda item for a considerable length of time. With the president of AC1, Duncan Moore, still expressing reservations on the proposed name change, president Cecilia Jarlskog put the question to a vote. The C&CC meeting voted in support of the proposal to change the name of C17 from Quantum Electronics to Laser Physics and Photonics. The vote was 1 Against, 2 Abstentions, and the rest in Favour.

13.2 Proposal to establish new Commission on Soft Matter

Chair of Commission 10, Fuji, gave a brief background and context of the proposal to establish a new Commission on Soft Matter

Bruce expressed guarded concerns about the idea of a new commission since there are pockets of soft-matter people across commissions, and if a new commission is formed, what should become of soft-matter people who are scattered across the rest of IUPAP commissions?

Katsu supported the idea of a new commission because it will demonstrate that IUPAP is responding to the new developments in physics as soft-matter has emerged as a recognized field in physics.

Ingrid stated that the soft-matter community is already matured into a recognized field which is also thriving more on the basis of its inter-disciplinary overlaps with such areas as Biological Physics and Computational Physics.

The C&CC meeting endorsed the idea of working towards the establishment of a commission for soft-matter, with the formation of an Advisory Working Group as a first step towards the ultimate objective of establishing a fully-fledged commission.

Cecilia will contact Professor Dieter Richter Head of Institutes of Neutron Scattering at the *Institute of Complex Systems* and *Jülich Centre for Neutron Science* to lead the recommended Advisory Group. The constituents of the nucleus of the Advisory Working Group will be drawn from IUPAP Commissions C3, C6, C8, C10, C20 as well as a representative of IUPAP Affiliated Commission AC4.

13.3 Proposal to Broaden the Mandate of C1 Commission on Finance

Cecilia presented to the C&CC meeting the council proposal to broaden the mandate of C1 Commission on Finance to include areas of IUPAP policy development concerning dues, contracts and other sources of income.

Following a brief debate on whether or not this should be called a Commission as it is evidently not a Commission in the traditional IUPAP sense, the proposal was ultimately supported with minor modifications which entail removal of reference to specific institutional entities such as UNESCO and ICSU since such inclusion will render the proposed IUPAP policy statement time-bound with respect to the existence of the referenced entities.

Bruce was requested to amend the proposal along these lines for presentation to the GA.

13.4 Proposal on Preliminary Support of Meetings

Cecilia and Rudzani gave background and supporting reasons for the proposal on preliminary support/endorsement of conferences and meetings.

The C&CC meeting was unanimous in its agreement that the preliminary endorsement for the usage of the IUPAP logo will also serve as a positive step in popularizing IUPAP since it will most likely increase the number of conferences associated with IUPAP.

It was agreed that the preliminary approval for the usage of the IUPAP logo will take the form of unclassified endorsement without categorizing the meeting or conference as A, B,

C, or D; and that the application process to obtain permission to use the IUPAP logo should be relatively simple.

It was understood that the type of preliminary endorsement proposed shall only grant usage of IUPAP logo without implication of financial sponsorship.

All conventional IUPAP Conference rules, guidelines and requirements shall apply to all conference applications that seek classified IUPAP conference support, including those conferences that may already have been endorsed via the proposed and (subsequently) approved preliminary support mechanism.

The meeting unanimously approved the proposal on Preliminary support of meetings.

13.5 IUPAP Associated Organizations

The C&CC meeting supported the proposal for setting up new category of IUPAP Associated Organizations with a provision that Council should first clearly define the process and mechanism to establish such IUPAP linkages with Associated Organizations.

Commission C1 was charged with the responsibility of working out the modalities of how the Associate Organizations should be formally accommodated.

13.6 IUPAP Award

The C&CC meeting noted and welcomed the proposal by C13 to establish IUPAP Award, which award is proposed to recognize Outstanding Contributions to the Improvement of Physics Research and/or Education in one or more Developing Countries.

Following extended discussions, the meeting resolved that further consultation was necessary, especially between C13 and C14, before the proposal could be approved for implementation.

It was resolved that Commission C13 and Commission C14 should jointly refine the original proposal (of C13) and present a revised version at the 2015 C&CC meeting of the IUPAP. Upon ratification by Council, the revised version of the (IUPAP Award Prize) proposal should be tabled for approval at the 29th meeting of the General Assembly in 2017.

13.7 Communication on Physics

Statement to the IUPAP Council from the Working Group on Communication in Physics was simply noted after brief discussions.

The Statement to the IUPAP Council from the Working Group on Communication in Physics sought to highlight the considered benefits and challenges encountered when making research data open for wider use, with the data categorized as level 0, level 1 and level 2.

The C&CC meeting referred the statement for discussion at the General Assembly, specifically noting that the statement was not submitted in the form of a proposed resolution for the IUPAP General Assembly to adopt or reject.

The meeting agreed that a plausible way forward would be for the General Assembly to mandate Council to hold further discussions with the Working Group on Communication in Physics to establish the enabling mechanism through which the IUPAP could assist the Physics Community in the on-going debate about open data.

13.8 Women in Physics

After giving a brief history of how Women in Physics came to be formed, Cecilia indicated that she had a discussion with the authors of the Women in Physics document that was presented as a proposal to be adopted by the pending 28th General Assembly.

Cecilia felt that the document had to be revised into a simplified version which should be commensurate with the standard format of a proposed resolution for consideration by the General Assembly.

Marcia indicated that whether in revised form or not, the most important decision to be taken was in regard to the continuation of the Working Group on Women in Physics together with other Working Groups.

The C&CC recommended that the Working Group on Women in Physics should continue its sterling work for the next period of three years. A revised resolution will be presented to the General Assembly.

13.9 Working Group on Energy

The proposal to allow the Energy Working Group (WG 12) to continue its work for the next three years was agreed.

The meeting further noted that the Working Group had commenced production of policy papers on different aspects of Energy, and that the first of such briefs would be published in the near future.

13.10 Creation of Working Group on the Newtonian Constant of Gravitation G

Bill Phillips gave an extended expos about the Newtonian Constant of Gravitation G as a background context for the need to establish the proposed working Group.

Phillips re-iterated the fact that recent measurements of G were in disagreement, with discrepancies that are in some cases ten times the quoted uncertainties; a situation he described as scandalous for the Physics Community.

The C&CC meeting agreed unanimously to recommend that the General Assembly establish under the aegis of C2 an Advisory Working Group on the Newtonian Constant of Gravitation G.

13.11 Formation of Commission on Accelerator Science

The meeting noted that the proposal from the US Liaison Committee to form a New IUPAP Commission on Accelerator Science recognized the existence of Working Group 1, ICFA (International Committee on Future Accelerators). It was acknowledged that the emphasis and main focus of ICFA was more on very high energy accelerators.

The meeting further acknowledged as evident the growing impact of Accelerator Science across a wide spectrum of branches of science, including materials science, nuclear science, elementary particle science, and medical and environmental science.

Cecilia had proactively held discussions with some members of ICFA together with those of Working Group 7, ICUIL (International Committee on Ultrahigh Intensity Lasers), all of whom expressed very positive opinions on the idea of working towards the establishment of an IUPAP Commission dedicated to Accelerator Science.

The meeting further acknowledged and recognized the growing community of users of Accelerator facilities as evidenced in part by the emergence of such international meetings and series conferences as IPAC (International Particle Accelerator Conference), which the IUPAP has supported.

Meeting was in consensus in its appreciation of the self-expressed interest by a wide variety of internal IUPAP stakeholder community to contribute in the process and dialogue whose eventual objective is the establishment of an IUPAP Commission dedicated to Accelerator Science.

The C&CC meeting resolved that as a precursor step, an Advisory Working Group should be established to advise Council on the possible establishment of a new IUPAP Commission on Accelerator Science. Commissions C10, C11, C12, C16, and Affiliated Commission AC4,

together with working Groups WG1 (ICFA), WG7 (ICUIL) and WG9 (ICNP) should nominate members who will constitute the relevant core of internal IUPAP stakeholders to serve in the Advisory Working Group on Accelerator Science

13.12 Restoration of C4 Commissions former title

Chair of C4, Johannes Knapp, gave a detailed historical background to explain the process that led to the change in the name of C4 from Commission on Cosmic Rays to Commission on Astroparticle Physics.

The C&CC meeting resolved to uphold the decision of Council to rename Commission 4 as the Commission on Astroparticle Physics in line with the recommendation presented to it (Council) by the Chair of C4 at the Switzerland October 2013 C&CC meeting following his consultation with the members of C4 together with the broader stakeholder community as mandated by Resolution 5 (bullet point 1) of the 27th IUPAP General Assembly.

Should Council find it necessary, it could formulate a comment on the proposal by the United State National Liaison Committee to restore the name of C4 to its original title, which statement will state reasons why council together with commission chairs feel that there is no need to reverse the changed name of C4.

Notwithstanding this decision, the proposed resolution of the United State National Liaison to restore the original name of C4 shall be put for discussion and voting by the 28th General Assembly. The decision of the General Assembly will be binding.

14 Discussion Concerning Inter-Union Representatives

The C&CC meeting noted the reported challenges encountered regarding inter-union representatives who do not provide feedback to the IUPAP Council. It was recommended that Council should in the next round of membership review carefully consider whether or not the representative was required, and if so pay special attention at who it appoints as inter-union representative in order for the IUPAP to derive value from the mandated representation.

15 Date and Venue of Future Meetings

2015 C&CC Meetings: Spain is currently considered as the first choice to host the 2015 C&CC meeting with Italy-Trieste as the promising alternative. The idea of meeting twice after the general assembly has become too costly and will thus be discontinued with

effect from 2015. The most likely time of the year for the 2015 C&CC meeting could be April/May. Decisions about Sponsored Conferences would be made electronically through round-robin consultation by Council.

2017 IUPAP General Assembly: Currently only Korea had indicated an interest in hosting the 2017 General Assembly. A call should be made to solicit other expressions of interest.

16 Vote of Thanks

Cecilia Jarlskog thanked all delegates for attending the C&CC and actively participating in the deliberations

The C&CC Meeting adjourned at 15:15 Singapore time on 4 November 2014

17 Appendices

The appendices are available as separate documents in the dropbox iupap-C&CC in the directory C&CC 20150425, or at <http://iupap.org/documents-for-cncc/> which is accessible from the IUPAP webpage under the Commissions tab.

Appendix A: 2014 IUPAP Commission Reports of individual Commissions Commission-reports2014.pdf and Affiliated-reports2014.pdf

Appendix B: 2014 IUPAP Working Group Reports Working-Group-Reports.pdf

Appendix C: 2012 – 2014 IUPAP Financial Position Financial-1-revised.pdf

Appendix D: IUPAP 2015 – 2017 Budget Financial-2.pdf

Appendix E: 2015 Conferences approved C&CC report on 2015 Conferences.xlsx