



Compte rendu du 18^e congrès international de biophysique à Brisbane, Australie du 3-7 août 2014.

Le congrès a été organisé conjointement par l'Australian Society for Biophysics (ASB) et l'International Union of Pure and Applied Biophysics (IUPAB).

Il a réuni 1200 participants et était de très haut niveau. Le programme est joint en annexe. Tous les grands thèmes de la biophysique moderne ont été couverts avec les meilleurs spécialistes mondiaux. Le keynote speaker était Brian Kobilka, Prix Nobel. Il y a eu une très large participation de biophysiciens d'Asie du Sud Est et du Nord, notamment plus de 200 Chinois.

La participation européenne a été modeste. La participation française a été très faible, moins de 10 personnes. Une dizaine de scientifiques français avaient été invités par le Comité Scientifique du Congrès comme conférenciers. Seuls 3 étaient présents: Marc Delarue, Eric Ennifar et Patrick Cozzone. Les autres avaient décliné pour des raisons financières, ou en invoquant la période de vacances ou sans donner de raison. Les 3 conférenciers français présents ont été les représentants français à l'Assemblée Générale triennale de l'IUPAB. Les minutes de l'AG sont jointes en annexe. P. Cozzone a été réélu pour 3 ans comme membre du Conseil Exécutif de l'IUPAB avec la fonction de Trésorier.

L'IUPAB a attribué 100 bourses de voyage à des étudiants pour faciliter leur participation au congrès. De façon intéressante, aucune candidature française ne fut reçue. Effort d'information à faire par le CNB auprès de notre communauté?

Le prochain congrès aura lieu à Édimbourg en 2017.

Rapprochement du Comité national de Biophysique et de la Société Française de Biophysique.

Le comité national de biophysique (CNB) s'est réuni le 23 avril 2013 à l'Institut Pasteur pour discuter du principe d'un rapprochement entre celui-ci et la Société Française de Biophysique (SFB). Étaient présents: Erik Dufourc, Guy Hervé, Joël Janin, Richard Haser, Jean-François Gibrat et Muriel Delepierre, ainsi que Bruno Kieffer le Président actuel de la SFB.

Lors du précédent entretien CNB-COFUSI en 2012 le secrétaire général, J-F Gibrat, avait évoqué cette possibilité d'un rapprochement CNB-SFB auprès des responsables du COFUSI présents afin d'avoir leur avis sur la question. Ces derniers y étaient favorables (plusieurs autres comités qui ont déjà fait ce choix).

À l'unanimité des présents, le CNB a opté pour un rapprochement entre le CNB et la SFB qui se fera selon les modalités explicitées ci-dessous. Le CNB ne perdra en rien ses prérogatives et ce



rapprochement permettra de renforcer les interactions avec la communauté française de biophysique et de donner plus de visibilité et de poids à l'ensemble.

La procédure que nous avons suivie a été la suivante:

- faire acter par le CA de la SFB le principe de la fusion avec acceptation de prendre en charge les missions du CNB
- avertir officiellement le COFUSI du résultat (Mme Combes, Présidente) (cf. lettre en annexe)
- ensuite lors d'une seconde CA de la SFB, faire accepter les modalités de la fusion (devoirs, contraintes, missions...). Ainsi :
 - la SFB aura une personne (chargé de mission/vice-président) qui aura en charge les missions du CNB (telles que libellées dans les statuts du CNB). Il s'agit de promouvoir la discipline au niveau national, mais aussi au sein de l'organisme international concerné. La SFB nommera les représentants français pour les AG de l'IUPAB ;
 - La présidente du CNB sera membre de droit du CA de la SFB ;
 - Le CNB conservera un compte séparé pour gérer le budget qui lui est alloué par le COFUSI ;
 - le CNB informera l'IUPAB du changement de statut et lui communiquera les noms et adresses des Président et Secrétaire Général de la SFB.



Annexe 1 : lettre du président de la SFB à la présidente du COFUSI



Mme Françoise Combes
Présidente du COFUSI
Académie des sciences
23, quai de Conti
75006 Paris

Strasbourg, le 22 Novembre 2013

Objet : Rapprochement SFB-CNB

Chère collègue,

Je me permets de vous contacter au nom de la Société Française de Biophysique à propos du rapprochement entre le comité national de biophysique (CNB) et notre société. J'ai le plaisir de vous annoncer que le principe de ce rapprochement, initié par Mme Delepierre en sa qualité de présidente du CNB, a été approuvé par les membres de la SFB lors de sa dernière assemblée générale qui s'est tenue en Juillet dernier à Lisbonne. La Société Française de Biophysique est prête à prendre en charge un certain nombre de missions qui étaient jusqu'à présent dévolues au CNB, selon des modalités qui ont été discutées lors de nos réunions avec Mme Delepierre. Par la présente, je sollicite de votre part l'approbation officielle du COFUSI sur le principe de ce rapprochement, ce qui nous permettra de coordonner nos efforts pour la promotion de la biophysique française sur la scène internationale. Dans l'attente de votre réponse, je reste à votre disposition pour vous apporter les précisions éventuelles que vous jugeriez utiles d'obtenir à propos de cette démarche.

Je vous prie d'agréer, Mme la présidente, l'expression de mes sentiments les meilleurs.

Bruno Kieffer,
Président de la Société Française de Biophysique,
Ecole Supérieure de Biotechnologie de Strasbourg,
Boulevard Sébastien Brandt
67400 Illkirch

Annexe 2 : programme du 18^e congrès de l'IUPAB

IUPAB Congress 2014 Brisbane – Preliminary Programme

Times	Sunday 3 August	Monday 4 August	Tuesday 5 August	Wednesday 6 August	Thursday 7 August
9:00-10:00		MICHAEL SHEETZ	CAROL ROBINSON	EDUARDO PEROZO	Katchalski Lecture HENNING STAHLBERG
10:00-10:30		Morning Tea	Morning Tea	Morning Tea	Bob Robertson Medal Lecture ROBERTSON LECTURE
10:30-12:30		S1. Membrane protein assemblies	S11. Super resolution microscopy	S23. Channels & transporter structure	Morning Tea
		S2. In vivo fluorescence imaging	S12. Protein folding	S24. MRI & PET	S35. Electron Microscopy
		S3. Protein Structure and Function	S13. Mitochondrial activity in muscle	S25. Molecular self organization	S36. Protein-Nucleic Acid Interactions
		S4. Bioenergetics systems: The cellular context	S14. Bioenergetics systems: Macromolecular machines	S26. Computational Systems Biology	S37. Mechanical aspects cardiac dysfunction
		S5. Visualizing molecules of life	S15. Mechanobiology	S27. Biological systems for energy production	S38. Potassium channels
			S16. Nanobiology - 1	S28. Protein Structure to Function - 2	S39. Molecular motors
12:30-13:00		Lunch	Lunch	Lunch	Closing Ceremony
13:00-14:30		Posters	Posters	Posters	
14:30-15:15	Public Lecture: STEVEN CURRY	Engstroim Lecture: PETRA FROMME	Ramachandran Lecture: RAJAN SANKARANAYANAN	Bei Shizhang Lecture: ZIHE RAO	CONGRESS THEMES: 1. Proteins 2. Membranes & membrane proteins 3. Cell & muscle biophysics 4. Ion channels & electrophysiology 5. Imaging 6. Bioenergetica 7. Single molecule 8. Systems biophysics
15:15-15:45		Afternoon Tea	Afternoon Tea	Afternoon Tea	
15:45-17:30	Official Welcome	S6. Skeletal muscle Ca ²⁺ signalling	S17. Membranes, lipids and peptides	S29. CPVT	
		S7. Biomolecular simulation	S18. Chaperones	S30. Transporters	
		S8. Luminescence and other Spectroscopy	S19. TRP channels	S31. Amyloids	
		S9. Neuroscience - 1	S20. Nanobiology - 2	S32. Computational membrane biology	
	Nobel Lecture: BRIAN KOBILKA	S10. Receptors and signalling	S21. Catecholamine, Stress, and cardiac function	S33. Bio-inspired artificial photosynthetic systems	
			S22. Neuroscience - 2	S34. Membrane Protein Assemblies - 2	
18:00	Welcome Reception	Workshops	Workshops		
19:00				Conference Dinner	

Annexe 3 : Compte rendu de l'AG de l'IUPAB

MINUTES of MEETING of the GENERAL ASSEMBLY of the INTERNATIONAL UNION for PURE and APPLIED BIOPHYSICS at the 18th INTERNATIONAL BIOPHYSICS CONGRESS in Brisbane, Australia on Wednesday, August 6, 2014

PRESENT: Luis Gonzalez FLECHA, Ray NORTON, Angela DULHUNTY, Brett HAMBLY, Paulo M BISCH, Marcelo MORALES, Adriana VILARDO, Peter JUDGE, Christopher YIP, Pingsheng LIU, Andrew WANG, Jiri KOZELKA, Hiroyuki NORI, Keichi NAMBA, Masahiro SOKABE, Ch Mohan RAO, N.R. JAGANNATHAN, H-J GALLA, G. HEBERLE, M. DELARUE, Eric ENNIFAR, Karol KASZUNA, John SEDDON, Tommy NYLANDER, Silvia ALONSO, Bill WILLIAMS, Izabela SADOWSKA-BARTOSZ, Claudio SOARES, Ludmila SHILOVA, Galina RIZNICHENKO, Anastasia LAVROVA, Sasa SVETINA, Pavle ANDJUS, Jose L CARRASCOSA, Juan GOMEZ-FERNANDEZ, Alicia ALONSO, Valeria MILLITELLO, Janos VINCZE, Marc DE MAEYER, R. Daniel PELUFFO, Felix M GONI, Rosalba KAMPMAN, Roger COOKE, Andrew TURBERFIELD, Anthony WATTS, Heping CHENG, Xiyun YAN, Patrick COZZONE (48 delegates)

Executive: President-Elect Z-H RAO, Past President K. NAGAYAMA, Treasurer P. COZZONE, Secretary-General Cristobal dos REMEDIOS

Invited guest: Professor David BLACK (ICSU)

Scrutineers: David BLACK (ICSU), Claire GARLAND and Edward JOST (EBSA)

APOLOGIES: President G.C. ROBERTS, M. AUGER, G. ZUCHELLI

The Secretary-General opened the meeting at 1300 hours. He explained the absence of the President due to an accident sustained a few days prior to the 18th IBC requiring hospitalisation. Also, Professors AUGER and ZUCHELLI, both due to illness.

AGENDA:

Reports:

- (1) Report from President, Professor Gordon Roberts, (presented by President-Elect Professor Rao).
- (2) Report from the Treasurer, Professor Patrick Cozzone.
- (3) Report from The Secretary-General, Professor Cristobal dos Remedios.
- (4) Report on the Task Force: Applications of Biophysics (Professor Kuniaki Nagayama).
- (5) Report on the Taskforce: Education in Biophysics (Professor M.A.C. (Bill) Williams).
- (6) Address from Professor David Black, Secretary-General of the International Science Council (ICSU)
- (7) Approvals for alterations in Adhering Bodies

A General Assembly is required to formally admit new Adhering Bodies.

The following applications have been received:

- Biophysical Society of Singapore, category A (3 delegates)
- Biophysical Society of Spain, category C (one delegate)
- Uruguay, category C (one delegate)

and to approve the change of category requested by:

- Brazil (to change from category B to category A (two delegates to three delegates)).

(8) Election of Officers of the Executive and Council.

Election of members of the Executive:

At the close of nominations in 2014, the following applications were received.

The candidates are:

President-Elect: Marcelo Morales

Treasurer: Patrick Cozzone

Secretary-General: Cristobal G. dos Remedios.

Delegates are asked to place a mark (X) against the names they wish to elect. An abstention will be indicated by an empty box.

Election of members of Council:

The election procedure will be as follows: Place a number 1 through 12 against your 12 preferred candidates.

Votes will be invalid if the same number is placed in more than one box, or if fewer than 12 boxes are numbered.

- (9) Selection of a venue for the 2020 IUPAB Congress.
- Professor Kuniaki Nagayama will speak in favour of the bid by Japan
 - Professor Marcelo Morales will speak in favour of the bid by Brazil.

The General Assembly will then mark the ballot paper to decide the winning venue.

The ballot paper for this agenda item required delegates to place one "X" to mark the venue of your preference from:

Okinawa, Japan, or

Rio de Janeiro, Brazil.

(10) Changes to the Statutes and Rules of Procedure

Item 10a: Statutes Article V.3

There shall be three categories of membership for adhering bodies, A, B and C according to the amount of the corresponding subscriptions to be fixed by the General Assembly, category A having the highest and C the lowest amount of subscription. Depending upon the category of membership chosen by the adhering body, it shall have the right to send three delegates for category A, two for category B and one for category C. to the General Assembly. The level of annual subscription for observing bodies shall be set by the General Assembly at a level below the lowest level for adhering bodies. Observing bodies may send one representative to the Assembly, who shall have the right to participate in the discussions but not to vote.

Amendment:

Article V.3.1

There shall be two additional categories of Adhering Bodies

(i) Associate Adhering Bodies: *Scientific companies and manufacturers may be admitted to become Associate Adhering Bodies provided they are relevant to the field of biophysics. Associate Adhering Bodies shall not be eligible for election to Council. Associate Adhering Bodies shall pay an annual fee which shall be set by the Executive.*

(ii) Individual biophysicist memberships *may be considered by the IUPAB. This category of membership is restricted to individuals with excellent scientific credentials. The executive will identify and recruit suitable individuals and determine the annual fee to be paid.*

Item 10b: Modification of **Statutes: Article XI-1** of the statutes. This article states:

"1- The present statutes may be modified only by a $2/3^{\text{rd}}$ written vote of all adhering bodies present at a General Assembly to which prior

notice of the change has been given on the agenda.”

The Executive and Council recommend this be modified as follows:

“1- The present statutes may be modified by a 2/3rd written vote of all delegates of the adhering bodies present at a General Assembly”.

Item 10b: The Executive and Council recommend the following change be implemented to bring our practice into line with French law:

“That the General Assembly approve the budget specified by the Treasurer every three years and that the annual budgets in the intervening years be approved by the Executive for ratification by the General Assembly.

(11) Items for mention

General Business

Formation of an Editorial Committee (item for mention only).

The Executive and Council met on August 4 (a quorum of more than 7 was present) and it voted for the formation of an Editorial Committee to oversee IUPAB’s official journal, *Biophysical Reviews*.

Composition: With a majority of more than 2/3rds, the Executive and Council decided that this Committee consists of the Executive and should not include the Editor-in-Chief. Its tasks include: (i) consideration of the effectiveness of the entire operations of the journal; (ii) a review of the membership and composition of the entire Editorial Board; (iii) whether the journal reflects the spectrum of current biophysical research; and (iv) whether IUPAB should consider publishing a journal that covers more than reviews in biophysics

Educational Workshops

The Secretary-General has received applications for funding assistance for Educational Workshops in: (1) York, UK; (2) Grenoble, France; Notices of

Symposia and Workshops

The Secretary-General advises:

(1) the 12th Greta Pifat-Mrzljak International School of Biophysics will be held in Primosten, Croatia from 27.9.2014 through 6.10. 2014 [<http://biofizika.hr/>], and

(2) the 9th Asian Biophysics Association (ABA) Symposium will be held in Hangzhou, China from 9.5.2015 through 12.5.2015 <http://aba2015.csp.escience.cn>.

ITEM 1 Silvia Alonso moved that the Report of the President be circulated. (The S-G had been informed that this Report had been sent to the President- Elect, however it transpired that this was not done.) It was therefore **undertaken by the S-G** to obtain the President's Report and arrange for its circulation in due course. (see below)

ITEM 2 The Treasurer explained why IUPAB operates under the French system due to favourable fiscal circumstances re non-profit status. In fact, many scientific unions as well as ICSU operate similarly.

He clarified the role of the Treasurer:

- 1) to ensure that all expenses are legitimate and comply with the statutes and goals of the Union;
- 2) to ensure that those expenses are properly documented. All non-profit associations have an annual audit, and the auditors have the power to recommend closing down an organization if it does not comply;
- 3) the Treasurer is personally responsible with his own assets for any errors.

The Treasurer called for any questions.

He advised that there are currently 41 Adhering Bodies in good standing: 7 x Class 1 (4500 Euros); 9 x Class 2 (2500 Euros); 25 Class 3 (750 Euros); 1 Observer (100 Euros) - subscribers at this level may not vote at General Assemblies.

The Treasurer presented his full report accompanied by slides simplifying the full accounting documents, audited for the years 2011, 2012, 2013. He also commented on unaudited partial results for the current year 2014.

He presented various slides showing IUPAB Revenues - income mostly from annual fees and non-speculative investments, royalties from BREV. Income totals approx. 70,000 Euros annually. He also went on to explain the differences from other unions and organizations, e.g. chemistry, which have much higher income bases.

He further spoke to slide items regarding workshops, travel awards, IBC seed funding, Beijing meeting expenses and loan default, loan to ASB for 18th IBC seed funding (to be repaid), travel expenses for Council (policy changed in 2011 at 17th IBC, and ICSU fees renegotiated by him for 800 Euros less than previously.

The Treasurer also raised the question of other more economical ways for Council to meet than in person, e.g. webinars, SKYPE, etc.

Nett results for 2011 were adversely affected due to the failure by the Chinese Biophysical Society to repay the 35 000 Euros loan, in relation to the 17th IBC in Beijing.

Slide 3 outlined the financial assets of the Union in secure investments: cash, Bonds and Mutual Funds. The value of these assets has been rising over the past three years, and there is now a buffer of 160,000 Euros.

Financial position as at 1/8/2014 including cash, etc. is 200,700 Euros approximately.

In summary, the position is sound, if not outstanding. The Adhering Bodies are unable to support increases in annual subscriptions, and the Treasurer suggested with no opposition that the subscriptions should not be changed for the coming 3 years

AUDITOR'S REPORT: The Treasurer explained that auditors are appointed for six years under French law. He further explained the strictness of the auditors regarding bookkeeping, originals of receipts, etc. Their report in full (50 pages) is available upon request for Adhering Bodies who wish to have it, and the Treasurer has presented a summary of the auditors' conclusions, signed by the auditors, which will be available on the IUPAB website.

Auditor's recommendation: an annual GA is compulsory. They suggest an appropriate change in IUPAB Statutes to allow the Executive to approve the accounts on an annual basis, and the GA to ratify this approval every 3 years.

Question from delegate Ennifar re extra expenses from Beijing. Treasurer explained the debt carried over.

Question from delegate Yan regarding auditor's reports to be sent out before meetings, or annual reports to be ratified yearly.

She asked if it is possible to have GA accepting the Budget. Treasurer replied that this is possible, as long as Adhering Bodies reply promptly to such circulated items. Past IUPAB experience has been disappointing in this respect.

Based on observation of other unions, it appears more manageable if the Executive (elected by GA) represents GA and discusses and approves annual budgets, to be subsequently presented for ratification to GA every 3 years.

Z-H RAO suggested that the Treasurer's Report should be certified by the auditors before presentation to the meeting. Treasurer confirmed that this is the case and that he has all necessary documentation.

PROPOSED by S-G, SECONDED by delegate R. Norton that **Item 10b** modification of Statutes be adopted.

MOTION passed unanimously.

PROPOSED by S-G, **SECONDED** by delegate R. Norton that Treasurer's Report be accepted.

MOTION carried unanimously.

Z-H RAO again asked for the President's Report. The S-G guaranteed to obtain this and circulate it, and also to put it on the IUPAB website.

ITEM 3 The Secretary-General presented his report. He informed the GA that Schools Grants are a priority of IUPAB (24,000 euros in 2013). Surveys conducted after each school held with IUPAB sponsorship convey their value.

3 applications have already been received for 2015.

The S-G does not see any way to replace this valuable scheme.

The S-G also referred to the ideas put forward by President-Elect RAO.

Re the IUPAB website, the S-G encouraged delegates to participate as much as possible in using the website as a means of communication, e.g. for Schools, etc.

Re the *NEWS*, he asked for any ideas as well as contributions.

He apologized for sometimes late replies to emails, and asked for any Questions.

There being none, meeting proceeded to next item.

ITEM 4 Task Force Report: Applications of Biophysics. Past President NAGAYAMA presented a series of slides to accompany his report. He stressed that the "application" is the most important emphasis.

He outlined the Missions of the Task Force, especially the introduction of biophysical methods, and defined the Task Force activities.

He asked for candidates for members of the Task Force, and also suggestions for possible topics and authors.

There are currently 7 members of this Task Force (M. Auger retired for personal reasons).

Prof. NAGAYAMA quoted his note of 19/8/13 regarding his loss of confidence about proceeding with this project, and also email from Councillor ROYER noting the difficulty of such projects.

He promoted Encyclopaedia of Biophysical Methods – IUPAB – links with BSJ, EBM, etc.

Prof. MORALES asked how best to contribute to Task Force activities. Prof. Nagayama would appreciate any contributions.

MEETING ADJOURNED at this point until 1545 hours to allow Prof. RAO to give his lecture.

MEETING RE-OPENED at 1545 hours.

ITEM 5 Prof. Bill WILLIAMS reported on the Education Task Force, and asked for feedback on possible additions to core activities. He presented various slides, and discussed the potential for the website as a resource.

As there is already so much information available, what would be a useful addition? How to best use educational resources on the web? Does the Union wish to actively support individual countries/regions?

The S-G suggested that rather than have a long question time and discussion at this point, delegates indicate their interest by email if they are interested and willing to be involved with this.

Delegate Ray NORTON asked who else might be teaching dedicated courses in biophysics elsewhere in the world, and suggested that liaison could be useful.

Prof. WILLIAMS agrees that a “pool” of teaching resources would be of value. Prof. JAGANNATHAN

informed the meeting that in 2006 IUPAB supported a Task Force in India. India would be very interested in sharing syllabus information and preparation.

Delegate Pavle ANDJUS agreed teaching resources sharing concept would be most valuable, and he would be very interested to participate.

Delegate Ro KAMPMAN will advise the BS (USA) Education Officer about this enterprise.

ITEM 6 S-G introduced Professor David BLACK, ICSU Secretary-General, and invited him to address the meeting.

He gave a PowerPoint presentation that covered what ICSU does and how ICSU can cooperate with IUPAB and other Unions, and how it can help to strengthen them. He said that ICSU has three themes: Research, Science as Policy, and the Universality of Science.

He described ICSU’s aims for integration, bringing inter-disciplinary groups together, and working with industry and commerce.

Research goal is to organize interdisciplinary research in selected priority areas.

Examples were 1957/8 International Geophysical Year, Polar Year, 8 others on slide.

A current 10-year program is FutureEarth, which deals with global sustainability research and energy, and the Urban Health and Disaster Risk program.

Science as Policy: ICSU aims to build on existing programs, to provide knowledge and to seize scientific and social opportunities

Its principal aim is to ensure science is integrated into policy development, scientific knowledge, and the needs of science.

Other ICSU functions are to provide advice to government, and to provide a platform for science advisors from all around the world to influence government policy.

Universality of science: – ICSU promotes freedom to do science, and the responsibilities that go with that. He cited the Committee on Freedom and Responsibility in the Conduct of Science CFRS. Part of this is to ensure universal access to data and information, particularly in relation to science education.

ICSU has set up regional offices in Africa, Latin America and Asia. It is also concerned with improving access re visas for conference travel.

Prof. BLACK finished by inviting anyone to approach him at the Congress Dinner, and for anyone going to Auckland for the GA of ICSU to please make themselves known to him.

Further information is available on the ICSU website.

Questions: Prof. Anthony WATTS asked how could ICSU help IUPAB get into Africa for Educational purposes.

Prof. BLACK replied that ICSU is trying to encourage its African offices to link with Unions – he is also happy to effect any useful introductions.

He explained that regional offices typically have 5-6 staff, and use the regional committee as a channel.

The Sec-General thanked Prof. BLACK for addressing the meeting.

ITEM 7 there are three applications to join IUPAB:
Biomedical Research Council of Singapore, category A (3 delegates) Biophysical Society of Spain, category C (1 delegate)
Uruguay, category C (1 delegate).

Brazil wishes to change categories from 2 to 3.

The S-G asked for a show of hands on the above: 47 delegates in favour, 1 against (Jiri Kozelka), no abstentions.

All the above applications were **APPROVED**.

BALLOTS were distributed for voting on the new Council, and the venue for the 2020 IBC.

ITEM 8 Election of Executive: At close of nominations in 2014, applications had been received from Marcelo MORALES for President-Elect; Patrick COZZONE for Treasurer; Cristobal dos REMEDIOS for Secretary- General.

Election of Council: the election procedure was explained, for preferential voting.

While the votes for Council election were being counted, presentations were made by the two bidding countries for the 20th IBC.

ITEM 9 Prof. NOJI made the presentation on OKINAWA, spoke to slides. The concept is World Expo of Biophysics. He pointed out that the Summer Olympics will be held in Tokyo in 2020.

Z-H RAO announced that he would not personally favour Okinawa, which he referred to as a remote military base island.

M. MORALES made the presentation for Brazil – he pointed out that only 1 Congress (in 2002) had been held in Latin America (in Buenos Aires).

He stated that support is guaranteed from LAFeBS, SOBLA, Ibero-American Society, for more than 2000 participants.

There is also strong government support. He reminded the Assembly that the summer Olympics in 2016 will be in Rio, so the city will be well prepared.

A short video was shown.

Peter JUDGE (EBSA) asked about student accommodation and the proximity of affordable accommodation to each of the proposed congress venues.

RIO has special accommodation and special transport for students, as well as for speakers. There is government support for part of the accommodation.

JAPAN has many options, both for accommodation and especially for air transport.

BALLOTS were collected and delivered to the scrutineers.

ITEM 10 Changes to Statutes and Rules of Procedure:

10a The S-G explained the two additional categories of membership which have been **PROPOSED BY Z-H RAO** at the Meeting of Council, where it was voted to put this issue to the General Assembly.

The two categories are (i) Associate Adhering Body and (ii) Individual biophysicist membership (refer to Agenda).

Question from delegate GONI: would either of these categories have voting rights?

S-G **replied** NO, neither new category would hold voting rights.

Z-H RAO stated that this issue should be presented to the incoming Council, and he proposed that a Council member be appointed to form a Membership Committee with responsibility for recruiting additional members in these two new categories.

If good ideas emerge from this, they could then be implemented by the new Council.

It was **PROPOSED** by several delegates that intermediate meetings should take place by electronic means.

This motion was **WITHDRAWN** at Z-H RAO's request as inappropriate for consideration, and should be referred to the new Council who will meet on August 7, 2014.

ITEM 11 The S-G informed the Assembly of the outcome of the Executive discussion on BREV.

He also mentioned the applications for schools' funding from Croatia and the ABA in Hangzhou, and UK (York) and France (Grenoble).

The S-G then thanked the Past President for his many years of contribution to the Council, and presented him with a gift. Acclamation from the Assembly.

The S-G called for any other business, there being none. Professor David

Black then read the results of the ballots.

2020 IBC was **DECLARED** to be in Rio de Janeiro, Brazil by a clear majority.

Professor Marcelo MORALES was elected as President-Elect, Professor Cris dos REMEDIOS was re-elected as Secretary General and Professor Patrick COZZONE was re-elected as Treasurer.

The names of the newly elected Councillors were read to the Assembly.

They are Professors Silvia del Valle ALONSO, Michèle AUGER, Juan Carmelo GOMEZ-FERNANDEZ, Jiri KOZELKA, Hiroyuki NOJI, R. Daniel PELUFFO, Ch. Mohan RAO, Catherine A. ROYER, Assoc. Professors Claudio M. SOARES and M.A.K. (Bill) WILLIAMS, Professors Gijs WUITE and Giuseppe ZUCHELLI.

Cris dos REMEDIOS, now the new Sec-Gen, thanked the outgoing councillors for their work. He asked the new Council to attend its first meeting at 1030 hours in Room M5 on August 7, followed by the Closing Ceremony.

New President RAO invited the new council to a Lunch meeting following the Closing Ceremony.

The S-G thanked the scrutineers and declared the meeting CLOSED at 1715 hours.
