

IMU 16th General Assembly

It is a tradition to set up, at the beginning of any meeting of the GA, several committees supporting the GA in various ways

General Assembly Committees and their Duties

Credentials Committee (in charge of nomination: M. de León)

Chair: Marta Sanz-Solé (Spain)
Ruth Kellerhals (Switzerland)
Qiman Shao (Hong-Kong)

- *Review the list of delegates that have registered at the General Assembly and verify each delegation is correctly constituted and present the list to the President of IMU*
- *Ensure that voting procedures are understood*

Tellers Committee (in charge of nomination: R. Piene)

Chair: Francois Loeser (France)
Rajendra Bhatia (India)
Etienne Desquith (Ivory Coast)
Yboon Victoria Garcia Ramos (Peru)
Takashi Tsuboi (Japan)
Karen Vogtmann (USA)

- *Distribute ballots*
- *Collect ballots*
- *Verify ballots and discard invalid ballots*
- *Count the votes*
- *Report the outcome to the President of IMU*

Finance and Dues Committee (in charge of nomination: M. Grötschel)

Chair: Christiane Rousseau (Canada)
Erwin Albert Karl Brüning (South Africa)
Hernán Cendra (Argentina)
Dohan Kim (Republic of Korea)
Jaroslav Nesetril (Czech Republic)
Ragnar Winther (Norway)

Ex officio: Martin Grötschel, Sylwia Markwardt

- *Review the proposed 2011-2014 budget*
- *Make recommendations to the General Assembly concerning dues unit increase*

- *Make recommendation to the General Assembly concerning action to be taken regarding dues in arrears*

Resolutions Committee (in charge of nomination: M. Viana)

Chair: Freddy Dumortier (Belgium)
Ramachandran Balasubramanian (India)
Nalini Joshi (Australia)
Roberto Markarian (Uruguay)
Mitsuhiro Shishikura (Japan)
John Francis Toland (United Kingdom)

- *Accept resolutions put forth by delegations prior to the close of the first day's sessions of the General Assembly (August 16)*
- *Review and edit resolutions received from the delegations*
- *Formulate resolutions*
- *Present the resolutions to the General Assembly with recommendations*

Election Committee (in charge of nomination: L. Lovász)

Chair: David Mumford (USA)
John Ball (United Kingdom)
Masaki Kashiwara (Japan)
László Lovász (Hungary)
Jacob Palis (Brazil)

- Settle all issues coming up during the election process (for the Election Committee see page 2), in particular
 - to oversee the form of the ballot papers
 - and to clarify all matters coming up when suggestions from the floor are made.

IMU Nominating Committee

Committee members:

- David Mumford (chair)
- László Lovász
- Anthony Afuwape
- Nigel Hitchin
- C.S. Seshadri
- Ian Sloan
- Frances Yao

The Nominating Committee has put together slates for IMU Commissions and Committees to be elected at the Bangalore General Assembly. These are based on proposals from the Adhering Organizations. The exact duties of the Nominating Committee can be found at <http://www.mathunion.org/organization/ec/procedures-for-election/>.

The new Procedures for the Election are up for vote at the beginning of the General Assembly, which introduce the Election Committee (in addition to the Nominating Committee).

Election Committee

On the first day of the meeting, an Election Committee is formed which consists of all members of the IMU Nominating Committee and all Past IMU Presidents present at the GA. If the Election Committee has fewer than five members further persons shall be elected to reach a membership of at least five. The election shall be from names either proposed by the President or proposed and seconded from the floor by show of hands unless the meeting decides otherwise. The Election Committee is chaired by the Chair of the IMU Nominating Committee or by the IMU President. The reason for introducing the Election Committee is that it is not unconceivable that, for instance, a candidate for an IMU office becomes unavailable at very short notice or that controversies about certain formalities in the election process arise. The Election Committee is set up in order to make decisions in all these cases.

FAQ:

Q: What is a slate?

A: A *slate* is a list of candidates to be considered for election. At an IMU GA, it is a tradition that for certain positions, such as the IMU President or IMU Secretary, only one person is suggested for election. In other cases a slate may contain more persons than positions available, e.g., the IMU Statutes require that, for the six Members-at-Large of the IMU EC, at least eight persons have to be proposed for election.

Procedures for the Election of the

IMU Executive Committee (EC) IMU Commission for Developing Countries (CDC) Joint International Commission on the History of Mathematics (ICHM)

The procedures for election of the IMU EC, the IMU CDC, and the ICHM, as well as the Executive Committee of the International Commission on Mathematical Instruction (ICMI), which can be found below, were adopted by the IMU General Assembly in Bangalore, August 16-17, 2010.

1. The **Nominating Committee (NC)** of the International Mathematical Union is formed with the purpose of presenting slates of nominations to the Adhering Organizations in preparation for the elections at the General Assembly. It consists of seven people chosen as follows:
 - a. **Chair:** The Chair of the IMU Nominating Committee is chosen by the IMU President and must not be a current member of the IMU EC, or work in the same country as the President.
 - b. **President of IMU:** The current President of IMU, in the year that the Nominating Committee is formed, is a member of the IMU Nominating Committee with full voting rights.
 - c. **Three other persons** chosen at random from nominations: The Executive Committee of IMU arranges for the choice of three people at random from nominations received from Adhering Organizations of IMU of persons who are not current members of the IMU Executive Committee, who are willing to serve, and who do not work in the same country as the NC Chair or the IMU President.
 - d. **This call for nominations** should be sent to the Adhering Organizations by 1 September in the year ICM-2 (that is, two years prior to the International Congress of Mathematicians), with nominations to be received by 1 December of the same year. One person must be chosen from nominations submitted by Groups I and II, one person chosen from nominations submitted by Groups III and IV and one person chosen from nominations submitted by Group V. Each Adhering Organization may submit one name of a person who is willing to serve. If there are no nominations in one of these three categories, then a person will be chosen at random from the other two categories.
 - e. **Two persons with experience of IMU:** Finally two persons are chosen jointly by the NC Chair and the IMU President. In the event of disagreement, the Chair and President each chooses one person. These two people should ideally be former members of the IMU Executive Committee or, if such persons are unavailable, have significant experience of IMU's affairs. In order to gain a balanced IMU Nominating Committee, the Chair and President consider criteria such as geography, sub-field representation, and gender representation.

2. Duties of the IMU Nominating Committee

- a. **Nomination slates** are formed for the IMU Executive Committee (EC), the IMU Commission for Developing Countries (CDC), and the Joint International Commission on the History of Mathematics (ICHM).
- b. The **slates for the commissions** are formed taking advice from the current officers of these commissions, but this advice is not binding on the IMU Nominating Committee. The Nominating Committee is asked to distribute its nominations for the EC geographically so as to represent as equally as possible the whole international community of mathematicians. The connections of individual candidates to the countries where they were born, educated, or have lived in the past may be considered in addition to the country in which they presently reside.
- c. **EC Nominations:** The IMU Nominating Committee nominates one name for the position of President of IMU, Secretary of IMU, and one name for each of the two Vice Presidents of IMU. It nominates at least two more names than the number of Members-at-Large of the IMU EC.
- d. **CDC Nominations:** Six members of the CDC are elected by the IMU General Assembly. The IMU Nominating Committee forms a slate with at least one name for each of the positions of President, Secretary for Policy, and Secretary for Grant Selection and at least two names for each of the three positions for CDC Members-at-Large in representation of Africa, Asia, and Latin America. Alternative names for each of the positions can be proposed at the General Assembly from the floor. For each of the six positions the candidate with the most votes is elected.
- e. **ICHM Nominations:** The IMU Nominating Committee nominates at least two more names than the number of ICHM representatives.
- f. **Schedule:** By 1 September ICM-2, the Chair of the IMU Nominating Committee accepts post. By 1 February ICM-1, the Committee is complete.

3. Calls for Nominations

- a. By 1 November ICM-2, the IMU Secretary sends a call for nominations to the Adhering Organizations and Committees for Mathematics for the offices of President and Secretary of IMU. The Adhering Organizations' and Committees for Mathematics' submissions must include a candidate's declaration of willingness to serve if elected and a CV. These nominations are due by 15 January ICM-1.
- b. By 1 September ICM-1, the IMU Secretary sends a call for nominations to the Adhering Organizations and Committees for Mathematics for the offices of Vice Presidents and Members-at-Large for the IMU EC, the President, Secretaries and Members-at-Large for CDC, and for the IMU Representatives to ICHM. The Adhering Organizations' and Committees for Mathematics' submissions must include a candidate's declaration of willingness to serve if elected and a CV. These nominations are due by 15 November ICM-1.
- c. The Nominating Committee is free to nominate persons for all offices.

4. **Slate:** Two months prior to the IMU GA, the Secretary sends to the Adhering Organizations and Committees for Mathematics the IMU NC slates, including candidates' CVs, plus a list of all persons nominated. The Adhering Organizations and Committees for Mathematics are asked to cooperate in having their delegates to the IMU General Assembly fully informed.

5. **General Assembly**

- a. On the first day of the GA meeting, an **Election Committee** is formed which consists of all members of the Nominating Committee and all Past IMU Presidents present at the GA and, if necessary, further GA delegates elected to reach a membership of at least five. The election shall be from names either proposed by the President or proposed and seconded from the floor by show of hands, unless the meeting decides otherwise. The Election Committee is chaired by the Chair of the Nominating Committee, or if unavailable, by the IMU President. The Election Committee is responsible for handling the election process and deciding on all issues related to it that may arise.
- b. The Chair of the Election Committee presents the EC, CDC, and ICHM slates to the General Assembly.
- c. Further nominations can be made from the floor after the slates of the IMU Nominating Committee have been presented. In case of the IMU EC, the nominations must be drawn from names previously offered by the Adhering Organizations and Committees for Mathematics as in item 3., signed by at least ten delegates, from at least three countries. In exceptional circumstances, EC nominations not previously offered as in item 3. can be made from the floor provided that each case be approved by a vote of the GA. Each such nomination must be accompanied by a statement of willingness to serve, a two page CV and be signed by at least ten delegates, from at least three countries.
- d. The IMU General Assembly shall then elect the following: the new IMU President, the two IMU Vice-Presidents, the IMU Secretary, and the six Members-at-Large for the IMU EC; the new President, the two Secretaries and the three Members-at-Large for CDC; the two IMU Representatives to ICHM. The vote is taken via written ballots that include the Nominating Committee slates as well as the list of nominations from the floor as stated in 5.c.
- e. Voting by the General Assembly shall be by delegations, provided that each delegation shall be free to cast the votes to which it is entitled either as a unit or divided in such a manner as it may determine. Each delegation receives the number of ballots corresponding to its specific number of votes and one envelope. The head of each delegation distributes a ballot to each delegate present. To record a vote, a delegate marks an "X" in the column next to the candidate's name and then places the ballot in the envelope provided. Each delegation must return all ballots distributed to them, even if the delegation votes as a whole, e.g., Group III receives three ballots and must return three completed ballots, even if the ballots are identical. The head of each delegation has the responsibility to complete any ballot for which no delegate is present.
- f. A vote shall be invalid if more names are marked in any category than the number of places to be filled (i.e., IMU EC — one each for President and Secretary, one for each of the two Vice-Presidents and one for each of the Members-at-Large, CDC — one each for President and the two Secretaries and one for each of the Members-at-Large, ICHM — one for each of the two IMU representatives).

- g. A candidate for IMU President or IMU Secretary is elected if he or she obtains a majority of the votes cast. In the event of a tie, the balloting is repeated. If a tie still exists, the IMU President decides.
- h. In the ballots for the IMU Vice-Presidents and Members-at-Large of the EC, the candidates who obtain the largest numbers of votes shall be elected. In the event of a tie, the IMU President decides.
- i. In the ballots for the CDC President and the CDC Secretaries a candidate is elected if he or she obtains a majority of the votes cast. In the event of a tie, the balloting is repeated. If a tie still exists, the IMU President decides.
- j. In the ballots for the CDC Members-at-Large, the candidates who obtain the largest numbers of votes shall be elected. In the event of a tie, the IMU President decides.
- k. In the ballots for the IMU ICHM representatives, the two candidates who obtain the largest numbers of votes shall be elected. In the event of a tie, the IMU President decides.

TERMS OF REFERENCE
of the
COMMISSION FOR DEVELOPING COUNTRIES (CDC),
a commission of the International Mathematical Union (IMU)

(Adopted by the IMU General Assembly on August 16, 2010)

The Commission for Developing Countries was established by the IMU General Assembly via postal ballot on July 17, 2009 to take up its activities in January 2011 and to replace the Commission on Development and Exchanges (CDE) and the Developing Countries Strategy Group (DCSG). The CDC is charged with the following mission:

- to manage, strengthen, and promote the programs of the IMU in developing and economically disadvantaged countries,
- to search for funding to support the corresponding activities, and
- to establish institutional partnerships with scientific organizations with common goals.

1. The Commission for Developing Countries (CDC) consists of
 - (a) six members elected by the General Assembly:
 - President
 - Secretary for Policy
 - Secretary for Grant Selection
 - three Members-at-Large, in representation of Africa, Asia, and Latin America;
 - (b) two Members-at-Large appointed by the incoming IMU Executive Committee, following its election at the General Assembly;
 - (c) one Member-at-Large appointed by the ICMI Executive Committee.
 - (d) The President of IMU is an Ex-officio Member of CDC.
2. Every member will be elected or appointed for a four-year term starting on the first day of the calendar year following that in which the election or appointment has taken place. The President will not be immediately eligible for a second term. The Secretary for Policy, the Secretary for Grant Selection, and the members-at-large can be elected or appointed for at most two consecutive terms in the same position.
3. In the event of death, incapacity, or resignation of one of the members in Clauses 1(a) and 1(b), the IMU Executive Committee shall appoint a successor for the unexpired term. In the event of death, incapacity, or resignation of the members in Clause 1(c), the ICMI Executive Committee shall appoint a successor for the unexpired term.
4. The composition of the CDC should reflect good regional balance consistent with its goals. The members will be established mathematicians chosen for their work on behalf of mathematics in the developing world. The members-at-large mentioned in Clause 1(a) will be mathematicians working permanently in a country of the corresponding region.
5. The CDC will designate a Grant Selection Committee that will be chaired by the Secretary for Grant Selection. The composition of the Grant Selection Committee should reflect good regional representation consistent with its tasks.

At least half of the Grant Selection Committee members should be from outside the CDC.

6. For the election of the members listed in Clause 1(a) the IMU Nominating Committee will form a slate with at least one name for each of the positions of President, Secretary for Policy, and Secretary for Grant Selection and at least two names for each of the three positions for members-at-large.

Alternative names for each of the positions can be proposed at the General Assembly from the floor. For each of the six positions the candidate with the most votes is elected.

7. The budget of the CDC will be established by the IMU Executive Committee on a year-by-year basis, based on the budget estimates approved by the General Assembly for the CDC term.
8. The President of CDC reports to the IMU Secretary and the General Assembly as specified in article 47. of the By-Laws of the IMU Statutes.

2010 IMU General Assembly

IMU Executive Committee (EC) 2011 - 2014

Ingrid Daubechies	IMU President	USA
Martin Grötschel	IMU Secretary	Germany
Christiane Rousseau	IMU Vice President	Canada
Marcelo Viana	IMU Vice President	Brazil
Manuel de León	EC Member-at-Large	Spain
Yiming Long	EC Member-at-Large	China
Cheryl E. Praeger	EC Member-at-Large	Australia
Vasudevan Srinivas	EC Member-at-Large	India
John Francis Toland	EC Member-at-Large	UK
Wendelin Werner	EC Member-at-Large	France
<i>Ex Officio</i>		
László Lovász	Past President	Hungary

Commission for Developing Countries (CDC) 2011 - 2014

José-Antonio de la Peña	CDC President	Mexico
C. Herbert Clemens	CDC Secretary Policy	USA
Srinivasan Kesavan	CDC Secretary Grants	India
Hoang Xuan Phu	CDC, Asian Member	Vietnam
Wandera Ogana	CDC, African Member	Kenya
Carlos Cabrelli	CDC, Latin American Member	Argentina

International Commission on the History of Mathematics (ICHM) 2011 - 2014

Jesper Lützen	ICHM	Denmark
Kim Plofker	ICHM	USA

Resolutions of the IMU General Assembly 2010

Resolution 1

The General Assembly of the IMU expresses its deep gratitude to the Organizing Committee of the ICM 2010 chaired by M.S.Raghunathan and to the Organizing Committee of the General Assembly chaired by G. Misra for their excellent organization, their special efforts in helping delegates in obtaining their visas and their warm welcome to delegates.

Resolution 2

The General Assembly of the IMU expresses its deep appreciation to the Executive Committee, especially to the IMU President László Lovász and to the IMU Secretary Martin Grötschel, as well as to the chair of the Program Committee Hendrik Lenstra, for their excellent work during the period 2007-2010.

Resolution 3

The General Assembly of the IMU expresses its gratitude to the Konrad-Zuse-Zentrum in Berlin for their generous support to the IMU.

Resolution 4

The General Assembly of the IMU thanks Mireille Chaleyat-Maurel, Cecilia Kulczár and Sylwia Markwardt for their multiple contributions to the IMU.

Resolution 5

The General Assembly of the IMU expresses its gratitude to those bodies that have contributed to the Special Development Fund in the past four years.

Resolution 6

The IMU Executive Committee is requested to study the feasibility of convening a Donors' Conference as a satellite to ICM 2014 in order to seek funding for IMU activities in support of developing countries. If found feasible, preliminary conference planning should begin in good time and should involve potential beneficiaries.

Resolution 7

The General Assembly of the IMU expresses its appreciation for all initiatives that have been taken to encourage the participation of women and of contributors from developing countries at the ICM 2010 and urges the EC to continue with efforts in this direction.

Resolution 8

The General Assembly of the IMU recommends continuing the tradition of holding an Emmy Noether lecture at each ICM, with selection of the speaker to be made by a committee appointed by the IMU Executive Committee.

Resolution 9

The General Assembly of the IMU proposes that at least one member of the Nominating Committee should be knowledgeable about CDC activities.

Resolution 10

The General Assembly of the IMU endorses the establishment of a Stable Office for the International Mathematical Union. The arrangement will be reviewed by the General Assembly of the IMU in 2018.

Resolution 11

The General Assembly of the IMU accepts following changes in the Statutes of the Union:
28. The Secretary of the Union shall act also as its Treasurer, unless the Executive Committee appoints another person for this position.
29. The legal domicile of the Union shall be located at the office of the Union.

Resolution 12

The General Assembly of the IMU expresses its gratitude to all institutions which showed their support for IMU by putting in a bid or otherwise considering the possibility of hosting IMU's Stable Office.

Resolution 13

The General Assembly of the IMU approves an increase of dues of 2% per year for the years 2011-2014, not to be revised before the next meeting of the GA.

Resolution 14

The General Assembly of the IMU agrees that the IMU will operate in 2011 under the proposed budget. Subject to the constraints of resolution 13, a new budget for 2012-2014 should be submitted to a vote of the Adhering Organizations by the end of 2011.

Resolution 15

The General Assembly of the IMU invites the EC to revise the Statutes concerning the distinction between general expenses (Schedule A) and special expenses (Schedule B).

Resolution 16

The General Assembly of the IMU requests the Secretary to explore the possibility of electronic voting by the IMU Adhering Organizations. When the necessary hardware and software are available and the Executive Committee is convinced of their functionality, the EC should empower the Secretary to make use of electronic voting where appropriate.

Resolution 17

The General Assembly of the IMU endorses the document "Best Current Practices for Journals" of its Committee on Electronic Information and Communication (CEIC). The General Assembly of the IMU requests the CEIC to review the document according to the discussion during the GA and to continue their work on all aspects of this crucial issue so that the document reflects up-to-date best practices.

Resolution 18

The General Assembly of the IMU asks the EC to create, in cooperation with ICIAM, a Working Group that is charged with considering whether or not a joint ICIAM/IMU method of ranking mathematical journals should be instituted, and what other possible options there may be for protecting against the inappropriate use of impact factors and similar manipulable indices for evaluating research.

Resolution 19

The General Assembly of the IMU shares the concerns expressed by the World Science Forum organized in Budapest, November 2009, by IMU, ICMI, and ICIAM, and strongly endorses its call for an international effort to improve mathematical research, education and awareness in all countries, and asks UNESCO, together with the scientific community, to take the lead in launching such an initiative.

Resolution 20

The General Assembly of the IMU continues to endorse the principle of Universality of Science expressed in the International Council for Science (ICSU) ARTICLE 5 of the STATUTES, as adopted by the 1998 General Assembly, and endorses the additional ICSU Statement on the Universality of Science (2004). Notwithstanding heightened tensions, security concerns, etc., the General Assembly of the IMU urges free exchange of scientific ideas and free circulation of scientists and mathematicians across international borders. The IMU opposes actions by governments and other organizations to restrict contacts, interactions, access and travel in the international mathematical community, particularly when such restrictions penalize individual mathematicians for the actions of their governments.

Resolution 21

The General Assembly of the IMU resolves that the next meeting of the General Assembly be held at a time and place conveniently linked to the International Congress of Mathematicians in Seoul, Korea, in 2014.