

**Bulletins of the
International
Mathematical Union**



Bulletin of the IMU, No. 60 (2010)

Bulletin of the International Mathematical Union

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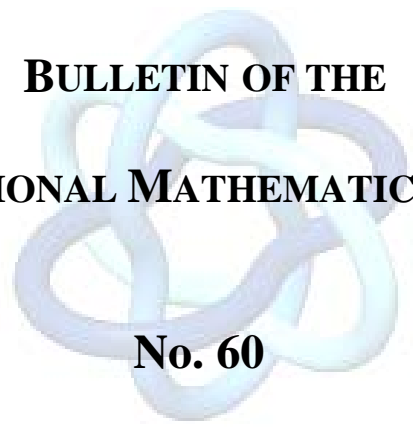
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IMU

**BULLETIN OF THE
INTERNATIONAL MATHEMATICAL UNION**



No. 60

December 2010

Secretariat:

up to December 31, 2010

*c/o Konrad-Zuse-Zentrum
Takustr. 7
D-14195 Berlin, Germany*

as of January 1, 2011

*International Mathematical Union
Secretariat
Markgrafenstr. 32
D-10117 Berlin, Germany*

<http://www.mathunion.org>

List of Abbreviations

CDC	Commission (up to 2010 Committee) for Developing Countries
CDE	Commission on Development and Exchange
CEIC	Committee on Electronic Information and Communication
DCSG	Developing Countries Strategy Group
ICHM	International Commission on the History of Mathematics
ICMI	International Commission on Mathematical Instruction
ICSU	International Council for Science
IUHPS	International Union of the History and Philosophy of Science

Dear Members of the International Mathematical Union,

2010 was characterized by the IMU General Assembly meeting in Bangalore and the subsequent International Congress of Mathematicians in Hyderabad, India. Four years of preparation came to a successful end.

The delegates of the 16th General Assembly meeting elected the members of the IMU Executive Committee (EC), the Committee for Developing Countries (CDC), and the IMU members of the International Commission on the History of Mathematics (ICHM) for the term 2011-2014.

The Weierstrass Institute for Applied Analysis and Stochastics (WIAS) in Berlin, Germany, was elected by the GA as the host of the new permanent secretariat of the IMU. The permanent secretariat started operation in 2011.

The IMU budget proposed for 2011-2014 was accepted by the GA with the recommendation to restructure the budget. The new budget for 2012-2014 should be submitted to a vote of the Adhering Organizations by the end of 2011 for approval. An increase of dues of 2% per year for the 2011-2014 term was approved.

The GA delegates adopted a number of Statute changes and changes of the Procedures for Election, the new version of the Terms of Reference of the Commission for Developing Countries, and the "Best Current Practices for Journals" document prepared by the Committee on Electronic Information and Communication. According to the usual practice a bundle of resolutions was passed.

IMU's Membership has further increased. Montenegro joined the IMU as a full member, Cambodia, Moldova, Nepal, and Oman became new IMU Associate Members, thus, the overall membership of the IMU now is 77. In 2010, the African Mathematical Union (AMU) as well as the South East Asian Mathematical Society (SEAMS) became Affiliate Members of the IMU.

The General Assembly decided that Seoul, Republic of Korea, will be the location of ICM 2014, Gyeongju will be the venue of the 17th General Assembly. The Congress will take place from August 13 - 21, 2014, the meeting of the GA will be on August 10 - 11, 2014 prior to ICM 2014.

The Opening Ceremony of ICM 2010 was the stage for the presentation of IMU's scientific prizes. The prizes, four Fields Medals, the Rolf Nevanlinna Prize, the Carl Friedrich Gauss Prize for Applications of Mathematics, and for the first time the Chern Medal Award were awarded by Shrimati Pratibha Patil, the Honourable President of India, and IMU President L.

Lovász, who were assisted by the representatives of the prize selection committees and the prize donors. Additionally, another new prize, the Leelavati Prize was awarded at ICM 2010.

Another highlight of the Opening Ceremony was the inauguration of IMU's server for ICM Proceedings 1893-2006 which provides access, free of charge, to the articles in all ICM proceedings volumes since the beginning of the series of international congresses. Thanks to the permission of the publishing houses and the work of volunteers IMU was able to have these books digitized.

As an outcome of the discussion about journal ranking at the General Assembly meeting in Bangalore which resulted in resolution No. 18, the International Mathematical Union and the International Council for Industrial and Applied Mathematics (ICIAM) jointly constituted a Working Group on Journal Ranking to study the issue of whether and how both organizations should go forward with a ranking of mathematical journals. A report of the Working Group is meanwhile available and further discussion of the issue is sought via a blog on mathematical journals on IMU's Web site.

With best wishes

A handwritten signature in black ink, appearing to read 'M. Grötschel', written in a cursive style.

Martin Grötschel
IMU Secretary

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1. Executive Committee 2007-2010

INTERNATIONAL MATHEMATICAL UNION

Executive Committee

January 1, 2007 – December 31, 2010

President:	László Lovász	(Hungary)
Vice-Presidents:	Zhi-Ming Ma	(China)
	Claudio Procesi	(Italy)
Secretary:	Martin Grötschel	(Germany)
Members-at-Large:	M. Salah Baouendi	(USA)
	Manuel de León	(Spain)
	Ragni Piene	(Norway)
	Cheryl E. Praeger	(Australia)
	Victor A. Vassiliev	(Russia)
	Marcelo Viana	(Brazil)
Ex-officio Member (Past President)	John M. Ball	(United Kingdom)

Meetings of the Executive Committee in 2010:

79th EC Meeting, Rome, Italy, February 27/28, 2010

80th EC Meeting, Bangalore, India, August 15, 2010

2. Members of the Union

The following 77 countries were members of IMU through December 31, 2010:

Group I	Armenia Cameroon Cuba Greece Indonesia Latvia New Zealand Peru Saudi Arabia Slovenia Uruguay	Bosnia & Herzegovina Colombia Estonia Hong Kong Ivory Coast Lithuania Nigeria Philippines Serbia Tunisia Venezuela	Bulgaria Croatia Georgia Iceland Kazakhstan Montenegro Pakistan Romania Singapore Turkey Vietnam
Group II	Argentina Denmark Ireland Slovakia	Austria Egypt Mexico South Africa	Chile Finland Portugal Ukraine
Group III	Australia Hungary	Belgium Iran	Czech Republic Norway
Group IV	Brazil Netherlands Sweden	India Poland Switzerland	Republic of Korea Spain
Group V	Canada Germany Japan United States	China Israel Russia	France Italy United Kingdom
Associate Membership	Cambodia Kyrgyzstan Oman	Ecuador Moldova Thailand	Kenya Nepal

The following 4 organizations were members of IMU through December 31, 2010:

Affiliate Membership	African Mathematical Union (AMU) European Mathematical Society (EMS) South East Asian Mathematical Society (SEAMS) Unión Matemática de América Latina y el Caribe (UMALCA)
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3. IMU Leadership 2011 – 2014

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	IMU EC Member-at-Large	Spain
Yiming Long	IMU EC Member-at-Large	China
Cheryl E. Praeger	IMU EC Member-at-Large	Australia
Vasudevan Srinivas	IMU EC Member-at-Large	India
John Francis Toland	IMU EC Member-at-Large	UK
Wendelin Werner	IMU EC Member-at-Large	France
László Lovász	IMU EC Ex-officio Member (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
Carlos Cabrelli	CDC, Latin American Member	Argentina
Wandera Ogana	CDC, African Member	Kenya
Hoang Xuan Phu	CDC, Asian Member	Vietnam
Ragni Piene	CDC Member appointed by IMU EC	Norway
Polly W. Sy	CDC Member appointed by IMU EC	Philippines
Angel Ruiz	CDC Member appointed by ICMI EC	Costa Rica
Ingrid Daubechies	CDC Ex-officio Member (IMU President)	USA

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

Jesper Lützen	ICHM	Denmark
Kim Plofker	ICHM	USA

International Commission on Mathematical Instruction (ICMI) 2010 – 2012*

William (Bill) Barton	ICMI President	New Zealand
Jaime Carvalho E Silva	ICMI Secretary-General	Portugal

Angel Ruiz	ICMI Vice President	Costa Rica
Mina Teicher	ICMI Vice President	Israel
Mariolina Bartolini Bussi	ICMI EC Member-at-Large	Italy
Sung Je Cho	ICMI EC Member-at-Large	Korea
Roger Howe	ICMI EC Member-at-Large	USA
Renuka Vithal	ICMI EC Member-at-Large	South Africa
Zhang Yingbo	ICMI EC Member-at-Large	China
Michèle Artigue	ICMI EC Ex-officio Member (Past President)	France
Ingrid Daubechies	ICMI EC Ex-officio Member (IMU President)	USA
Martin Grötschel	ICMI EC Ex-officio Member (IMU Secretary)	Germany

* The transition process according to the changed election model ends in 2012, four-year terms of service start in 2013.

Committee on Electronic Information and Communication (CEIC) 2008 – 2014**

Peter Olver	CEIC Chair (chair as of 2011)	Jul 1, 2008 – Dec 31, 2014	USA
Thierry Bouche	CEIC Member	Jan 1, 2011 – Dec 31, 2014	France
Olga Caprotti	CEIC Member	Jul 1, 2008 – Dec 31, 2012	Finland
James Davenport	CEIC Member	Jul 1, 2008 – Dec 31, 2012	UK
Carol Hutchins	CEIC Member	Jul 1, 2008 – Dec 31, 2012	USA
László Lovász	CEIC Member	Jan 1, 2011 – Dec 31, 2014	Hungary
Ravi Vakil	CEIC Member	Jan 1, 2011 – Dec 31, 2014	USA

** CEIC terms of membership are staggered.

Persons representing IMU in various organizations

Body	Representative/ liaison person	(end of) Term
COSPAR	T. Padmanabhan	2011-2014
Gruber Foundation Cosmology Prize	Roger Penrose	2011
ICMI (IMU EC liaison person)	Cheryl Praeger	2010-2014
CEIC (IMU EC liaison person)	László Lovász	2011-2014
IMU-Net editor	Mireille Chaleyat-Maurel	2011-2014
IMU-Net EC correspondent	Christiane Rousseau	2011-2014
Ramanujan Prize	Vasudevan Srinivas	2011-2014
Curator of the IMU archive	Guillermo Curbera	2011-2014
UNESCO	Michèle Artigue	2011-2014
ICSU	Manuel de León	2010-2014
ICSU Virtual Working Group on Publication Ethics	John Ball	2011-2014

ICSU Regional office for Latin America and the Caribbean (ROLAC)	Marcelo Viana	2011-2014
ICSU Regional office for Asia and the Pacific (ROAP)	Yiming Long	2011-2014
ICSU Regional office for Africa (ROA)	Fanja Rakotondrajao	2011-2014

4. Approved IMU membership dues 2011 – 2014

International Mathematical Union				
Approved membership dues 2011 - 2014 (Swiss Francs)				
	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Group I	1.637	1.670	1.703	1.737
Group II	3.274	3.340	3.406	3.474
Group III	6.548	6.680	6.812	6.948
Group IV	13.096	13.360	13.624	13.896
Group V	19.644	20.040	20.436	20.844

5. Approved IMU budget 2011-2014

Subject to the decision on a new budget structure, see Resolution 15 of the Bangalore General Assembly 2010

International Mathematical Union					
Proposed Budget for 2011-2014 (Swiss Francs)					
EXPENSES	Approved Budgeted for	2% Dues increase	2% Dues increase	2% Dues increase	2% Dues increase
Schedule A:	2007-2010	2011	2012	2013	2014
Secretarial help, IMU Secretary	22.660	20.000	20.000	20.000	20.000
Secretarial help, IMU President	5.150	8.000	8.000	8.000	8.000
Accountant	9.270	9.500	9.500	9.500	9.500
ICMI	15.450	16.000	16.000	16.000	16.000
CDC	6.180	6.300	6.300	6.300	6.300
Office expenses (including postage)	16.480	16.800	16.800	16.800	16.800
Travel expenses of the EC	30.900	32.000	32.000	32.000	32.000
President's and Secretary's expenses	4.120	5.000	5.000	5.000	5.000
Contribution to ICSU	9.785	9.785	9.785	9.785	9.785
IMU Bulletin	1.500	2.200	2.200	2.200	2.200
Audit fee	8.755	17.000	17.000	17.000	17.000
General Assembly	4.120	5.000	5.000	5.000	5.000
IMU office transfer		17.500	17.500	17.500	17.500
Contingencies	2.060	50.000	50.000	50.000	50.000
Subtotal of Schedule A	136.430	215.085	215.085	215.085	215.085
Schedule B:					
IMU non-CDC conference support	20.000	3.750	3.750	3.750	3.750
ICMI scientific activities	27.810	40.000	40.000	40.000	40.000
CDC scientific activities	115.000	120.000	120.000	120.000	120.000
CDC support staff	56.000	7.500	7.500	7.500	7.500
CEIC scientific activities	25.000	21.000	21.000	21.000	21.000
Website support	6.253	8.000	8.000	8.000	8.000
ICM Site Committee	2.000	3.000	3.000	3.000	3.000
Program Committee for ICM	8.240	10.000	10.000	10.000	10.000
Subvention to ICM	28.840	29.420	29.420	29.420	29.420
Prize Committees (subvention)	11.100	12.000	12.000	12.000	12.000
Travel grants (young & senior)	61.000	62.220	62.220	62.220	62.220
Media Relations	3.500	4.000	4.000	4.000	4.000
Subtotal of Schedule B	364.743	320.890	320.890	320.890	320.890
Total Expenses (A & B)	501.173	535.975	535.975	535.975	535.975
INCOME					
Membership dues	390.015	435.442	444.220	452.998	462.042
ICSU Grant	0	0	0	0	0
Special Development Fund	32.000	30.000	30.000	30.000	30.000
Interest on bank accounts	16.000	1.000	1.000	1.000	1.000
Donations (Abel Fund)	59.220	56.000	56.000	56.000	56.000
Draw from Reserves (here in 2010)	3.938	13.533	4.755	0	0
Return to Reserves (here in 2010)	0	0	0	4.023	13.067
TOTAL INCOME	501.173	535.975	535.975	535.975	535.975
INCOME LESS EXPENSES		0	0	0	0

6. Circular Letters of the IMU Secretary to the Adhering Organizations

IMU AO Circular Letter 1/2010

International Mathematical Union



February 22, 2010
IMU AO Circular Letter 1/2010

To: IMU Adhering Organizations
From: Martin Grötschel, IMU Secretary

IMU General Assembly (GA) in Bangalore, India

Dear colleagues,

This is an announcement about the next IMU General Assembly including some technical details in order to give you information about what to expect and what to do.

1. Time and Location

The next General Assembly of the International Mathematical Union will take place

on August 16-17, 2010

in Bangalore, India.

The venue of the General Assembly will be the hotel Chancery Pavilion in Bangalore see <http://www.chancerypavilion.com/pavilion/>.

The local organizers have reserved 150 rooms in this hotel for the delegates of the General Assembly. A second hotel which is close to the GA hotel, the Chancery, see <http://www.chancerypavilion.com/chancery/>, will also be available for the delegates, see the attached document with the room rates.

Delegates are expected to arrive on August 15. The GA ends in the evening of August 17. For those delegates who attend ICM 2010, the local organizers will arrange for transport from Bangalore to Hyderabad on August 18, 2010. Thus, the delegates of the General Assembly attending also the ICM 2010 in Hyderabad should not worry about the Bangalore-Hyderabad transfer and make their flight arrangements to Bangalore and back home from Hyderabad.

2. The General Assembly (basic information)

The role of the GA is described in the IMU Statutes, see <http://www.mathunion.org/fileadmin/IMU/Statutes2006.pdf> in particular in the articles 18 to 24, and 41.

3. Delegations

For each General Assembly, each IMU Member Adhering Organization shall appoint and certify to the Secretary of the Union a delegation, which shall have the number of votes corresponding to the Group in which it adheres, see <http://www.mathunion.org/members/countries> for information about the groups.

Affiliate and Associate Members have the right to participate in the GA by an observer without voting rights.

IMU asks all Adhering Organizations to start selecting their delegates for the IMU General Assembly in Bangalore. A Web registration procedure for the GA delegates is under construction. All Adhering Organizations will receive in the near future detailed information about the GA delegate registration system and about the data needed from each delegate.

4. Web server and registration

The local organizing committee in Bangalore has set up a Web server with information about the GA:

<http://www.icm2010.org.in/imu-general-assembly-2010>

This server contains travel and visa information, maps, and many further details. It will be updated regularly and will be employed to keep all delegates informed.

5. Agenda topics and next steps

I would like to remind all Adhering Organizations of articles 38, 39, and 42 of the By-Laws:

"The Adhering Organizations, and the Commissions of the Union may propose business to be transacted at meetings of the General Assembly. Such proposals shall reach the Secretary at least four months before the meeting at which they are to be considered."

"The agenda for a meeting of the General Assembly shall be dispatched by the Executive Committee to the Adhering Organizations at least three months before the meeting at which they are to be considered. A question which has not been put upon the agenda may be discussed, but shall not be put to the vote unless a proposal to that effect be approved by a majority of the total number of votes assigned to the Members."

"The Executive Committee shall present an annual report on its activities and those of the Union to each Adhering Organization and shall also report on its activities and those of the Union at each ordinary meeting of the General Assembly. The report to the General Assembly shall be dispatched by the Secretary to the Adhering Organizations at least two months before the meeting at which it is to be received."

Summarizing:

- If you want to propose a GA agenda topic, please send your request to me by April 15, 2010, if possible, via e-mail to secretary@mathunion.org.
- Expect to receive the GA agenda by May 15, 2010.
- Expect to receive the EC report (IMU Bulletin 58) by June 15, 2010.

6. Local contact in Bangalore

If you have any questions about the local arrangements for the General Assembly at Bangalore, please contact

- Gadadhar Misra <gm@math.iisc.ernet.in> or

– G. Rangarajan <rangaraj@math.iisc.ernet.in>
who chair the local GA organizing committee.

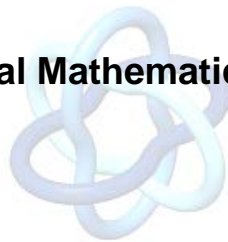
Sincerely,

Martin Grötschel
IMU Secretary

Encl.: GA hotel room rates

IMU AO Circular Letter 2/2010

International Mathematical Union



March 26, 2010
IMU AO Circular Letter 2/2010

To: IMU Adhering Organizations
Delegates and Observers of the IMU General Assembly
From: Martin Grötschel, IMU Secretary

Details about the General Assembly (GA) in Bangalore, India

Dear colleagues,

Here comes the additional information that I promised in my circular letter of February 22, 2010, concerning the details of the registration process for the IMU General Assembly in Bangalore, India, to take place on August 16-17, 2010. I will not repeat here the contents of IMU AO CL 1/2010. Please consult <http://www.mathunion.org/Publications/CircularLetters/2010-01.pdf> for that purpose.

7. GA Delegates

According to the IMU Statutes (see Article 19):

"..., each IMU Member Adhering Organization shall appoint and certify to the Secretary of the Union a delegation, which shall have the number of votes corresponding to the Group in which it adheres".

I would like to ask all Adhering Organizations to nominate the delegations in a letter (by e-mail please) to me (secretary@mathunion.org). This request applies to

- all IMU Members,
- all IMU Associate Members and
- and all IMU Affiliate Members.

Please note that only the Delegates of IMU Members have voting rights at the GA, however.

In my capacity as Secretary, I will maintain the list of Delegates (together with the nomination letters) so that there is proof of which persons have the right to vote at the GA.

At this moment in time I ask you to refrain from nominating substitutes. In case it turns out that a formally nominated Delegate will be unable to participate in the GA, the Adhering Organization is asked to contact me by e-mail or phone as soon as possible. We will try to handle the replacement as smoothly as possible.

Gender distribution at the GA

I would like to remind the Adhering Organizations about a matter noted by observers of the last General Assembly. The gender distribution at the General Assembly in Santiago de Compostela was not "ideal". It would be excellent if the Adhering Organizations could take gender distribution as one criterion into account when they choose the composition of Delegates for the General Assembly in Bangalore.

8. GA Observers, IMU Representatives

The IMU EC will invite further persons to the General Assembly. Among these are

- IMU Officers (this group includes the IMU EC members, and Chairs/Presidents/Secretaries of IMU Commissions and Committees who will provide reports about their activities for IMU)
- Observers (this group includes representatives of countries that will present their application for IMU (Associate) Membership and, moreover, representatives of ICSU, ICIAM, and possibly other IMU related organizations)
- Members of the local GA organization in Bangalore

No person in one of the three categories mentioned here has a voting right at the GA.

Note: No person will be allowed to participate in the GA without a formal approval or invitation from me.

9. Formal registration process and hotel booking

After the nomination of the Delegates by the Adhering Organizations (in a letter to me) and the approved nomination/invitation of the persons mentioned under item 2., all Delegates, IMU Officers, Observers and Members of the local organization are requested to register for the GA in detail on

"The Online Registration and Hotel Room Request Website for IMU General Assembly 2010":

http://events.kwconferences.com/ei/imuga/IMU%20GA%20Online%20Registration%20Landing%20Page.htm?Current_rec_ID=7

provided by the local GA organization in Bangalore.

On this Web site all GA participants are asked to provide certain information about themselves such as address, contact phone numbers, e-mail and the like, and a number of further items of information needed for visa purposes and invitation letters.

Also accompanying persons have to be registered here.

Here is a guide through the registration Website:

- Click on "New Registration & Hotel Accomodation"
- You will now be asked for "the password that was sent to you in an email from the IMU Secretariat"
- This password is BANGALORE

- Clicking on "Enter" brings you to the registration pages for the IMU General Assembly. They will also allow you to book your hotel accommodation for your stay during the IMU General Assembly in Bangalore. (Remember: the local GA organizers have reserved rooms in the Chancery Pavilion hotel, where the General Assembly will take place, and in The Chancery close by.)

On the page

[http://events.kwconferences.com/ei/democapture.ei?s= 3OW0QS7VF&id=58&EiRegistration=36O1C42QE](http://events.kwconferences.com/ei/democapture.ei?s=3OW0QS7VF&id=58&EiRegistration=36O1C42QE) please identify yourself as a Delegate, IMU Officer, Observer, or Local Organizer, and please check the box in case someone is accompanying you.

On the next Page you may be surprised to be asked for Father's/Husband's Name, but these are unavoidable government requirements.

You will then come to the page

[http://events.kwconferences.com/ei/submitform.ei?s= 3OW0QS7VF&id=58&p=P_1U40LNCXH&EiRegistration=36O1C42QE](http://events.kwconferences.com/ei/submitform.ei?s=3OW0QS7VF&id=58&p=P_1U40LNCXH&EiRegistration=36O1C42QE) where you will be asked for your preferences concerning the transfer from Bangalore to Hyderabad. The IMU is grateful to the Indian hosts for providing free transport (by plane) to the ICM 2010 location. Please check when you want to travel. The local organizers will buy a ticket for you. Note also that the local organizers are ready to buy plane tickets from Bangalore to Hyderabad for accompanying persons, but these are not free. They have to be paid by the persons registering the accompanying persons. On this page you may also ask to receive your ICM 2010 badge at the IMU-GA in Bangalore.

After completing your first visit to the GA registration page you will immediately get an "access key" with which you can enter the registration pages in the future to complete or change your data. Please don't forget to record this access key.

If you need assistance concerning this matter please write to imuqa10@kwconferences.com.

10. Hot topics at the GA

a. Next IMU President

IMU's nomination committee has already decided on the nomination of the next IMU president and proposes to elect Ingrid Daubechies (Princeton University) as IMU president for the period 2011-2014. Ingrid would be the first woman to become IMU president.

b. IMU Stable Office

One of the most important decisions at the IMU GA will be the vote on the future IMU office. Resolution 11 of the 2006 GA stated: "The General Assembly recommends that the incoming Executive Committee of the IMU studies the establishment of stable administrative structure and funding mechanisms, including possible fund-raising, for the support of the expanding IMU activities, and report to the 2010 General Assembly with concrete proposals."

The IMU EC has set up a site selection committee that has investigated this issue. The site selection committee will recommend to establish a "stable office" (that will not move with the IMU secretary) so that the administrative activities of the IMU are concentrated at one location in the world, and an organizational memory is established for a longer period of time. The stable office committee has invited 3 candidate institutions (Fields Institute, Toronto, Canada; Instituto Nacional de Matematica Pura e Aplicada, Rio de Janeiro, Brazil; Weierstrass-Institut für Angewandte Analysis und Stochastik, Berlin, Germany) to present their bids for the establishment of the IMU stable office at their location. This is a very important decision for the future of IMU. Bid details will (most likely) be distributed to the delegates with the GA agenda in mid May.

11. Visa issues

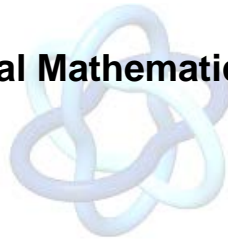
The Indian government has recently changed its visa issuing policy. It turns out that the fee for congress visas is about twice that of tourist visas. The visa issuing policy is difficult and depends on the country from which a person comes. It may be necessary for a delegate or observer to the IMU General Assembly to have an invitation letter from the local organizers in order to obtain a visa. The organizers will send such an invitation letter, if requested. IMU would like to point out that for participating in the General Assembly or the International Congress it is not necessary to apply for congress visas; from IMU's point of view tourist visas suffice.

Sincerely,

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 3/2010

International Mathematical Union



May 14, 2010
IMU AO Circular Letter 3/2010

To: IMU Adhering Organizations
and all registered delegates and observers of the IMU General Assembly

From: Martin Grötschel, IMU Secretary

GA Agenda and GA further information

Dear colleagues,

This letter covers the following topics:

1. GA Agenda
2. Password Protected GA Server
3. Stable IMU Office
4. IMU Statutes
5. Slates for IMU Offices
6. Nomination of Delegates and GA Registration

Below is important information for the General Assembly. Please read with care.

12. GA Agenda

According to item 39. of the By-Laws of the IMU Statutes, the agenda for the meeting of the General Assembly has to be dispatched to the Adhering Organizations at least three months before the meeting. The Statutes are at:

<http://www.mathunion.org/fileadmin/IMU/Statutes2006.pdf>.

This item of the By-Laws also stresses that "a question which has not been put on the agenda may be discussed, but shall not be put to the vote unless a proposal to that effect be approved by the majority of the total number of votes assigned to the members." Thus, any further issue that an Adhering Organization wants to be put up for vote needs special treatment at the GA agenda.

In the attachment, please find the proposal of the Executive Committee for the agenda for our meeting in Bangalore. We will have a very tight schedule, so there is not much room for "ad-hoc topics" proposed at the GA meeting itself. Please keep this in mind.

13. Password Protected GA Server

The IMU Office in Berlin has established a further password-protected Web site at which all documents that are relevant for the General Assembly will be available for download. The URL is the following: <http://www.mathunion.org/GA2010/>.

The user name and the password can be obtained from the IMU Secretary.

We will upload GA relevant documents to this GA Agenda Server as soon as such material becomes available.

If you access the password protected Bangalore GA Server http://events.kwconferences.com/ei/imuga/IMU%20GA%20Online%20Registration%20Landing%20Page.htm?Current_rec_ID=7 using the password for new registrations or your access key you can enter this new GA Agenda Server without being asked again for a password, since the Indian colleagues have set links to the Agenda server.

No Printed Documents for the GA

No printed material will be distributed to the delegates at the General Assembly. We expect all delegates and observers to select from the material on this Web page those documents that they find necessary to have at the General Assembly itself, to print them, and to bring them to Bangalore. Please also bring a printed copy of the (latest version of the) GA agenda along.

14. Stable IMU Office

One extremely important vote will be on the establishment of a stable office for the International Mathematical Union. The Stable Office Committee has selected three candidate institutions that are ready and willing to serve IMU in the future. These are:

- The Fields Institute, Toronto, Canada
- IMPA, Rio de Janeiro, Brazil
- WIAS, Berlin, Germany

The Stable Office Committee, consisting of IMU President L. Lovász, IMU Past President J. Ball, and EC members S. Baouendi and R. Piene, will report at the General Assembly about the whole selection process.

The three finalists will each make 10-minute presentations of their proposals. To give the delegates sufficient lead time to investigate the proposals, each candidate institution has prepared a 2-page summary of its bid. Please find the three summaries in the attachment.

Each summary contains a link to a Web site where the candidates are providing additional information about their offer.

15. IMU Statutes

As usual, there will be some changes to our Statutes:

- Treasurer
In case the General Assembly decides that a permanent IMU office will be established, the Executive Committee will recommend that the office of an IMU treasurer be installed. The treasurer should, in the future, be a person closely linked to the stable office and would be responsible for all financial transactions. At present, the IMU Secretary acts as the treasurer, see items 28. and 45. of the Statutes.
- Electronic voting
The EC will suggest that votes of the IMU Members may be executed via a password protected Web server. (This has been requested by some Adhering Organizations.) There is a footnote on page 2 of the statutes concerning this matter. It may be reasonable to amend that footnote slightly, if the GA delegates agree.
- The "Procedures for Election" (important, but not part of the Statutes, see <http://www.mathunion.org/organization/ec/procedures-for-election/>) need an update. The transition process for the new ICMI EC nomination and election model is almost over, and the description can be deleted. Moreover, the CDE and DCSG have been merged into CDC. All references to CDE in the current "Procedures for Election" have to be replaced by CDC.

16. Slates for IMU Offices

I have already mentioned in a previous Circular Letter that Ingrid Daubechies (Princeton University) will be the candidate proposed by the IMU Nominating Committee for the office of IMU President. Slates for all other IMU officers are currently prepared by the Nominating Committee - chaired by former IMU President David Mumford. The slates will be distributed, according to our "Procedures for Election", see <http://www.mathunion.org/organization/ec/procedures-for-election/> by June 15, 2010..

17. Nomination of Delegates and GA Registration

To all IMU Adhering Organizations:

So far, only one half of the members of the IMU have nominated their delegates for the GA. IMU urges you to act as soon as possible. Please nominate your delegates to the IMU Secretary and ask your delegates to register formally at the GA Web site, see

<http://www.mathunion.org/Publications/CircularLetters/2010-01.pdf>
<http://www.mathunion.org/Publications/CircularLetters/2010-02.pdf>

for details. The local GA organization needs to estimate the number of participants of the GA precisely. Our colleagues in Bangalore have to buy tickets (flight from Bangalore to Hyderabad) for the GA delegates, observers, and also all accompanying persons. This has to happen very soon to avoid unpleasant surprises.

Recall: August 15, arrival day
 August 16 & 17, General Assembly
 August 18, transfer from Bangalore to Hyderabad for the ICM participants.

Visa Issues

The local organizers have informed me that India's external affairs ministry has a list of eight countries which get somewhat special treatment as far as visas are concerned - they are Pakistan, Bangladesh, Iran, Iraq, Afghanistan, Nepal, Sri Lanka and China. The ministry insists that individuals wanting visas from these countries need to get individual clearance which must be obtained at least SIX WEEKS prior to their intended date of entry to India. The local organizers must seek clearance for the person a month and a half in advance to avoid a potentially embarrassing situation.

Best regards

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 4/2010

International Mathematical Union



June 11, 2010
IMU AO Circular Letter 4/2010

To: IMU Adhering Organizations
Delegates and Observers of the IMU General Assembly in Bangalore

From: Martin Grötschel, IMU Secretary

2010 IMU General Assembly Slates

Dear colleagues,

According to the IMU Statutes, the Adhering Organizations and Delegates of the General Assembly have to be informed about all candidates for positions within IMU committees and commissions to be elected at the next General Assembly two months in advance of the meeting of the GA. This letter provides complete information about the persons running for the various IMU offices.

According to the "Procedures for Election", see <http://www.mathunion.org/organization/ec/procedures-for-election/>, the IMU Nominating Committee has the task to select from all persons nominated, see my Circular Letter 11/2009 <http://www.mathunion.org/Publications/CircularLetters/2009-11.pdf>, the slates to be considered at the GA. The IMU Nominating Committee consists of

- David Mumford (chair)
- Laszlo Lovasz

- Anthony Afuwape
- Nigel Hitchin
- C.S. Seshadri
- Ian Sloan
- Frances Yao

This Nominating Committee has selected (from all nominations received and taking into account regional distribution, adequate representation of mathematical fields, etc.) slates for the IMU Executive Committee (EC), the Commission for Developing Countries (CDC), and the International Commission on the History of Mathematics (ICHM), following the rules defined in the Procedures for Election.

You find the lists of nominated persons in the appendix below and as a PDF file in the attachment. At the end of each slate, persons who have been nominated but have not been chosen by the Nominating Committee are listed. These persons, if the General Assembly wishes so, can be added to the slates at the General Assembly according to item 5.b. in the Procedures for Election.

All candidates have declared their willingness to serve on the commissions or committees for which they have been nominated. All candidates have also provided a two pages curriculum vitae (CV). In order not to overload this e-mail with attachments, we have made the CVs available on the IMU GA Web site at <http://www.mathunion.org/GA2010/> with the user name and password distributed to all GA participants and all IMU Adhering Organizations.

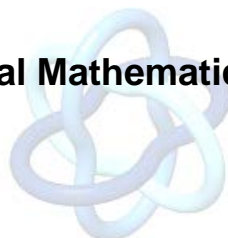
We urge all Delegates of the General Assembly to make themselves familiar with the candidates and their CVs. Only very few of the candidates will actually be present at the GA for personal discussion. Considering the large number of candidates, the time available at the GA will not suffice to discuss the qualifications of all the persons in too much detail. So, please try to make up your mind about the candidates before the GA. If you feel you need additional information you are, of course, free to contact the candidates directly.

Best regards

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 5/2010

International Mathematical Union



June 12, 2010
IMU AO Circular Letter 5/2010

To: IMU Adhering Organizations
From: Martin Grötschel, IMU Secretary

IMU Bulletin No. 57, December 2009

Dear colleagues,

IMU Bulletin No. 57 reporting about the IMU activities in 2009 has been completed. You can find a PDF version of the Bulletin in the attachment. A printed copy will be sent by ordinary mail to all Adhering Organizations.

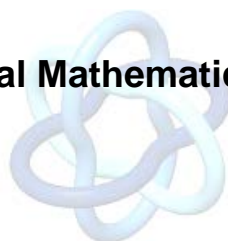
Bulletin No. 57 is also available on the IMU Web server at <http://www.mathunion.org/publications/bulletins/archive/>.

Sincerely,

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 6/2010

International Mathematical Union



June 11, 2010
IMU AO Circular Letter 6/2010

To: IMU Adhering Organizations
and to all participants of the IMU General Assembly 2010

From: Martin Grötschel, IMU Secretary

IMU Booklet

Dear colleagues,

The Executive Committee of the International Mathematical Union has produced an information brochure with a survey of most of the current IMU activities. This booklet contains, in particular, overviews of the work done for developing countries (via CDC/CDE/DCSG) and mathematical education (via ICMI). It is meant to inform IMU's membership (and other institutions and individuals) on the broad spectrum of topics IMU handles and to update the GA delegates on the various functions IMU is performing. A pdf version of the booklet is attached.

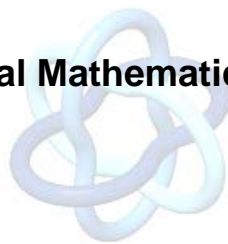
The printed version of this booklet will be distributed to all participants of the International Congress of Mathematicians 2010 in Hyderabad. The booklet can be downloaded from http://www.mathunion.org/fileadmin/IMU/ICM2010/hyderabad_booklet.pdf.

Best regards

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 7/2010

International Mathematical Union



July 18, 2010
IMU AO Circular Letter 7/2010

To: To all participants of the IMU General Assembly 2010
and IMU Adhering Organizations
From: Martin Grötschel, IMU Secretary

Visa problems

Dear colleagues,

The International Mathematical Union is aware that the Indian visa issuing process is not running as smoothly as hoped. For example, some Indian Embassies did not accept the visa application forms or even rejected visa for delegates to the IMU General Assembly; about one quarter of the awardees of IMU travel grants reported that the Indian Embassy will not issue them a visa before August, making it extremely difficult for them (and more expensive for IMU) to book their flights to Hyderabad.

These problems seem to be due to the fact that the Indian government has tightened the visa processing because of security perceptions, and the enforcement of the new rules seems to be causing these problems.

As soon as the organizers of the ICM 2010 in Hyderabad and the General Assembly in Bangalore became aware of these issues, they took immediate action. M.S. Raghunathan and Rajat Tandon, for instance, took the issue up to the highest level. There was a meeting in Delhi with the senior secretary in the ministry of home affairs. A week ago, Raghunathan had a meeting with the Indian Prime Minister where he brought up these visa issues.

The reactions of the highest officials were very positive. They assure that all delegates will be given visas. The current deadline is that all clearances will be sent before the end of July. The Indian colleagues, however, ask not to press the embassies as these will not give a positive reply unless they get the clearance from Delhi for the persons applying.

The ICM Web server now has a special page, see

<http://www.icm2010.org.in/about-icm-2010/practical-information/visa-related-issues>

where visa problems can be reported to the organizers and where they promise assistance.

IMU regrets that these visa problems have come up. This is due to political issues beyond our control and not the fault of the mathematical colleagues. They have "moved heaven and earth" at the highest levels of the government. Their efforts resulted in a positive outcome, IMU is confident that the embassies will execute the orders in the way mentioned above.

Best regards

Martin Grötschel

IMU AO Circular Letter 8/2010

International Mathematical Union



July 21, 2010
IMU AO Circular Letter 8/2010

To: To all participants of the
IMU General Assembly 2010 and all
IMU Adhering Organizations
From: Martin Grötschel, IMU Secretary

Dear colleagues,

This letter provides some practical information about the General Assembly of the International Mathematical Union in Bangalore. I would like to ask all participants of the GA to go through the items. They will help you “survive” the GA.

Here are the topics:

1. Hotel Booking, Arrival and Departure: Transport
2. Local Transport in Bangalore
3. Local Registration, GA Office
4. Exact Location of the GA Meeting, Lunch and Tea/Coffee
5. Room Plan, Seating Arrangements, Name Tags, Photo Session, “Round Tables”
6. Audio Recording
7. Social Events in Bangalore
8. WiFi, Laptops, and Electricity
9. Contact Data in Case of Emergencies

and here the details:

1. Hotel Booking, Arrival and Departure: Transport

Hotel Booking:

If you have not yet reserved a room, you may reserve one in the Chancery Pavilion at

http://events.kwconferences.com/ei/imuga/IMU%20GA%20Online%20Registration%20Landing%20Page.htm?Current_rec_ID=7

using your Access Key. The extended deadline is August 1.

Arrival:

The Local Organizing Committee (LOC) of the IMU General Assembly has made arrangements for complimentary transfer from Bangalore airport. Volunteers will receive delegates arriving at the Bangalore International Airport. The volunteers will have the IMU GA placard. Delegates are advised to look for the IMU GA Paging Boards on exiting the airport terminal. Volunteers will guide the delegates to cabs/coaches depending on the arrival times.

All delegates should make sure that they have announced their arrival times to the LOC in Bangalore. It is best to do that on the Conference web-site

http://events.kwconferences.com/ei/imuga/IMU%20GA%20Online%20Registration%20Landing%20Page.htm?Current_rec_ID=7

using your Access Key.

If you have not done so yet, please do it now. If you have difficulty in completing the online form, please send an email message to Gadadhar Misra gadadhar.misra@gmail.com with a copy to Mamta mamta@kwconferences.com

Departure:

On August 18, coaches will be stationed at specified times at the Chancery Pavilion Hotel for group transfer to the airport for the flights to Hyderabad. (The LOC has booked the flights for you according to your preferences.) Details will be announced during the GA.

2. Local Transport in Bangalore

For those GA participants staying in the Chancery Pavilion no local transport is necessary. Transfers in the morning and in the evening between the Chancery Hotel and the venue of the GA (Chancery Pavilion) have been arranged at specific times which will be announced and displayed in the hotel.

3. Local Registration, GA Office

It is necessary that every participant of the GA registers locally. The organizers have to know who actually has arrived and need to document which of the persons attending the GA have voting rights, and for which countries. A registration desk will be set up, from 7:30 a.m. to 7:00 p.m. in the Chancery Pavilion Hotel lobby near the reception area on August 15-16. The participants can easily register at the time of check-in into the hotel. Participants arriving after 7:00 p.m. can register next morning.

KW Conferences, the event organization company who has been appointed as the events manager of the IMU GA by the LOC will be available on-site in the Chancery Pavilion Hotel from August 14 at the registration desk.

Contact: Ms. Prasoon, KW Conferences, Mobile: + 91 9444992208.

So, please, do not forget to register upon arrival.

4. Exact Location of the GA Meeting, Lunch and Tea/Coffee

The venue of the General Assembly is the Grand Ballroom in the Chancery Pavilion Hotel. This room is two levels below the lobby level (Press the B-button of the elevator). Lunch and tea/coffee have been arranged by the LOC for the two days of the General Assembly. Tea, coffee and lunch will be served in the conference venue.

5. Room Plan, Seating Arrangements, Name Tags, Photo Session, "Round Tables"

The room plan of the Grand Ballroom is attached. As usual, the seating will be in alphabetic order of the member countries of IMU (including the Associate Members). The seating for the other GA participants will be worked out at the beginning of the GA when the final number of participants is known.

Every participant will get an individual name tag, the seats for the delegations will be marked by a name tag carrying the name of the country the delegation is representing.

Please do not forget that there will be a photo session in the morning of the first day before the beginning of the GA. I would like to ask everybody to show up at 8:15 h at the Chancery Pavilion porch.

This is where the group photo will be taken. The photographer asks all persons to come in time in order to arrange the seating/standing order.

For the convenience of the GA participants a cluster of round tables will be provided in the Esquire Hall of the Chancery Pavilion for small group discussions on August 16 and 17.

6. Audio Recording

I would like to announce that we will take audio recordings of the GA meeting in order to be able to provide a faithful documentation of the presentations and discussions at the General Assembly.

7. Social Events in Bangalore

There is no special program for the evenings of August 15 and 16. Both hotels, the Chancery Pavilion and the Chancery, have restaurants. Both hotels are located near MG road, the commercial hub of Bangalore. In this neighborhood are several shops and restaurants. The concierge desks at the hotels will assist delegates to make reservations at a restaurant of their choice.

On August 17, at 19:00 h there will be a dance performance "OJAS" by Abhinava Dance Academy artists followed by a dinner at the Grand Ballroom of the Chancery Pavilion. This dinner will be hosted by the Local Organization Committee. The IMU thanks the LOC for its generosity.

8. WiFi, Laptops, and Electricity

There is complementary WiFi connection in the rooms of both hotels.

Photocopy and fax are available at the Chancery Pavilion reception area on a payment basis.

For bulk photocopy there is a photocopy shop near the hotel.

The GA participants can bring their laptops to the venue of the General Assembly. There is sufficient space, and the organizers have made provision for a number of plug points.

Please note that the electricity supply in India is 220 VA and the electrical sockets will take 2/3-pin plugs (round pins). Therefore, suitable electrical adapters will be required.

9. Contact Data in Case of Emergencies

In case of an emergency (someone gets stuck on its way to Bangalore, gets lost in the city, has an accident or sudden health problems, etc.), here are phone numbers that can be called and e-mail addresses that are frequently checked so that help can be provided/arranged or information forwarded:

Ms Prasoon, KW CONFERENCES (Event Managers)
Mobile : +91 9444992208
Email: prasoon@kwconferences.com

Mr. G. Madhavan
+91 98440 79282
madhavan@ias.ernet.in

Hotel Chancery Pavilion

The Chancery Hotels
135, Residency road
Bangalore 560025
Tel: +91-80-41414141
Lobby Manager– mobile +91 9845414141.
Email: lobbymanager.cp@chanceryhotels.com
www.chanceryhotels.com

The Chancery
Lavelle Road,
Bangalore
Tel: +91-80-22276767, 41188888
Lobby Manager Mobile +91 9845022767
Email: lm@chanceryhotel.net

Best regards

Martin Grötschel

IMU AO Circular Letter 9/2010

International Mathematical Union



July 26, 2010
IMU AO Circular Letter 9/2010

To: To IMU Adhering Organizations
and to all participants of the
IMU General Assembly 2010
From: Martin Grötschel, IMU Secretary

Dear colleagues,

As you all know, one of the "really big events" in mathematics is the quadrennial International Congress of Mathematicians, and its most important event is the Opening Ceremony. In 2010 this takes place in Hyderabad, India, where, on August 19 between 9:30 and 12:30 Indian time, Her Excellency Shrimati Pratibha Patil, the Honourable President of India, will open the ICM and present the IMU awards (a medal and a cheque for each of the prize winners). All recipients will attend the ceremony, their names remain - as usual - secret until August 19.

IMU is grateful to the selection committees who have done a great job by selecting outstanding mathematicians for the Fields Medal (recognizing outstanding mathematical achievement), the Rolf Nevanlinna Prize (honoring distinguished achievements in mathematical aspects of information science), the Carl Friedrich Gauss Prize (for outstanding mathematical contributions with significant impact outside of mathematics), and the new Chern Medal (awarded to an individual whose accomplishments warrant the highest level of recognition for outstanding achievements in the field of mathematics). For the Fields Medal and the Nevanlinna Prize an "age rule" applies: the 40th birthday of a recipient must not have occurred before January 1, 2010.

The Web page with detailed information about the IMU Prizes has been updated and contains new photos of the medals as well as information about the physical properties of the medals (they are all made of gold) and the cash values of the awards. This is information I have often been requested to provide for journalists.

If you are interested check

<http://www.mathunion.org/general/prizes>

<http://www.mathunion.org/general/prizes/physical-medals-and-cash-awards>

and the links on these Web pages. And please forward these details to journalists in case you are approached.

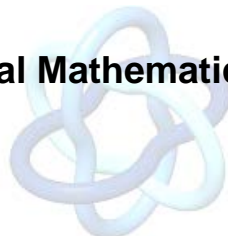
Details about the Prize winners and their mathematical achievements will appear shortly after the end of the Opening Ceremony on the IMU Web site and the Web site of the 2010 Congress, see <http://www.icm2010.org.in/>

Best regards

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 10/2010

International Mathematical Union



July 27, 2010
**IMU AO Circular Letter
10/2010**

To: To IMU Adhering Organizations
and to all participants of the
IMU General Assembly 2010
From: Martin Grötschel, IMU Secretary

Dear colleagues,

This circular letter is meant to prepare the GA Delegates for four important GA Agenda items:

1. Proposed changes of the IMU Statutes
2. Proposed changes of the "Procedures for Election"
3. Duties of the GA Committees
4. GA Resolutions.

And here are the details:

1. Proposed changes of the IMU Statutes

The current version of the Statutes can be downloaded from
<http://www.mathunion.org/fileadmin/IMU/Statutes2006.pdf>

The proposed new version "clean" is attached. A version where all changes in the Statutes are marked in red is also attached.

Here are the reasons for the changes (purely editorial corrections are not discussed in detail):

Article 11. We propose to mention the rights Associate Members have and that were not explicitly stated so far.

Article 19. We suggest to add in this article explicitly that also the Associate Members and Affiliate Members are entitled to send representatives to the GA, and the term "Representative" is introduced for these persons. This new term makes it possible to distinguish between voting and non-voting participants of the GA. "Delegates" represent Members and have voting rights, "Representatives" represent Associate Members and Affiliate Members and have no voting rights.

There are some trivial editorial changes in Articles 20, 22, 23, 25, and 41.

The changes in Articles 28 and 29 are suggested by the stable office committee to allow the appointment of a treasurer who is not an EC Member, and to redefine the legal IMU domicile. (This change will only be put up for vote in case the GA votes for the establishment of a stable office.) The treasurer is supposed to act as a liaison between the permanent office and the EC. This is necessary since the IMU Secretary is not supposed to come permanently

from the location of the future IMU office. The Stable Office Committee will explain all this in more detail at the GA.

In Article 40, the term "Observer" (that has been used for a very long time) is formally introduced.

2. Proposed changes of the "Procedures for Election"

Due to the formation of the CDC, the "Procedures for Election" have to be rewritten. In discussion with members of the Nominating Committee a few other items came up that the EC thought should be added or changed.

In the attachment you will find the draft of the new "Procedures for Election", one version with all the changes visible, and a "clean" version. The current version is downloadable from <http://www.mathunion.org/organization/ec/procedures-for-election/>.

Except for the changes due to CDC, the main new item is the introduction of the Election Committee, see 5.a. of the new version. It turns out that only two members of the Nominating Committee will be at the GA, which is too small a number to form a committee. We expect such a presence to be similar at future GAs, and thus, thought that there should be a committee that handles every question/problem that arises at the GA concerning elections. The EC is not a "good" committee for that since usually half of the current EC members are up for reelection and should not handle election matters. Members of the Election Committee should have significant IMU experience.

Another important change are the additional sentences in 2.b. (new version) concerning equal representation, a suggestion of the Nominating Committee.

These changes are up for vote in the very beginning of the GA, so that the GA committees can be elected properly.

3. Duties of the GA Committees

It is a tradition to set up, at the beginning of every meeting of the GA, several committees supporting the GA in various ways. These committees and their tasks are described in an attached document for your information:

- Credentials Committee (~3 persons): M. de Leon
- Tellers Committee (~6 persons): R. Piene
- Finance and Dues Committee (~6 persons): M. Groetschel
- Resolutions Committee (~6 persons): M. Viana
and also the
- Election Committee (see item 2. above): L. Lovasz

For each committee, an EC member (mentioned behind the committee name) has been appointed by the EC who will approach GA participants in the evening of August 15 or morning of August 16 to ask them to serve on such a committee. The approximate number of committee members is indicated above in the brackets.

4. GA Resolutions

During the GA, and in particular at its end, typically several resolutions are passed. Lists of resolutions approved by former GAs can be found at <http://www.mathunion.org/organization/general-assembly/>

The current status of proposals is as follows.

a. Donors' Conference

So far I have obtained only one proposal of a GA resolution from an Adhering Organization. The United States ask the EC to study the feasibility of convening a Donors' Conference as a satellite conference to ICM 2014, see attachment. This suggestion is supported by the UK, France, Italy, and Norway and a number of individuals, including former IMU Secretary Phil Griffiths.

b. Electronic Voting

The second resolution comes from the EC and is a consequence of questions asked by several IMU members who are unhappy about the paper ballots. The current Statutes allow the introduction of electronic voting via a secure Web server. Article 41.(g) gives the General Assembly the possibility to prescribe the rules of postal ballots which - in Article 6. - are described to include ordinary mail, e-mail, fax, or any other way of communication. In that sense the EC can establish electronic voting via a secure Web server. However, the EC would like to be explicitly empowered by the General Assembly to establish this voting process. This is formulated in the resolution attached.

c. Budget Structure

The GA is supposed to decide on the IMU budget for the next four years. This is a difficult issue this time, since - depending on whether or not a permanent office is established and depending on what financial and other support the chosen location will be able to offer - the budget structure may vary. I will present at the GA a "conservative budget", the details will be in Bulletin 58, which is basically an adapted update of the current budget structure. I will ask, after consulting the Finance and Dues Committee, the GA to pass a resolution that will allow the EC to come up in 2011, after the agreement with the institution hosting the stable office has been signed, with a new budget that will take the "new situation" into account. Of course, the new 2011-2014 budget will be subject to approval by the IMU members.

d. Budget Increase

Taking into account that the IMU budget is only balanced because of very significant financial and in kind contributions from a large number of institutions (I will detail these at my presentation at the GA) and considering the increased IMU activities for developing and economically disadvantaged countries (put into practice through CDC, up to 2010 by CDE and DCSG), and observing the considerable worldwide efforts of ICMI (that the ICMI President will describe at the GA and which require additional funding), I will propose a moderate increase of IMU's membership dues by 2% annually for the next four years. I hope that the Finance and Dues Committee will convert my request into a resolution that the Resolutions Committee and the GA can accept.

e. Further resolutions

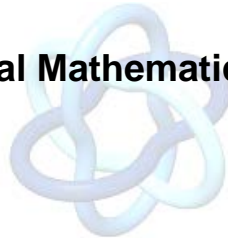
Further resolutions will come up during the GA. E.g., the Stable Office Committee plans to propose its suggestions to the GA in the form of resolutions. The resolutions Committee will collect resolutions during the first GA day.

Best regards

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 11/2010

International Mathematical Union



July 30, 2010
**IMU AO Circular Letter
11/2010**

To: IMU Adhering Organizations
and to all participants of the
IMU General Assembly 2010
From: Martin Grötschel, IMU Secretary

Dear colleagues,

This is the announcement that the IMU Bulletin 58 has appeared. A pdf file of the document will be sent to you in a few moments by a separate e-mail. If this mail does not reach you (possibly because of the 8 MB size of the file, please download it from the IMU Web site <http://www.mathunion.org/publications/bulletins/archive/>).

Bulletin 58 contains the GA Agenda together with many documents providing information about the various agenda items. A copy of the Agenda is attached.

I ask every GA participant to print Bulletin 58 (or at least the pages considered of particular interest) and bring the printed version to the GA meeting. No printed material will be distributed at the GA!

A last minute addition to Bulletin 58 is the document "Best Current Practices for Journals" that has been produced by the Committee on Electronic Information and Communication (CEIC), with the help of many others including SIAM President Doug Arnold who will also be present at the GA meeting. The IMU EC has approved the document and proposes to the GA to endorse it.

A few items (considered confidential) are not in the Bulletin.

1. Slates and CVs

The 2010 IMU General Assembly Slates and the CVs of all persons who are candidates for one of the IMU offices. The slates were distributed via IMU AO CL 4/2010 on June 11. The slates and CVs can be downloaded from

<http://www.mathunion.org/GA2010/>

that you can access with the user name and password provided earlier.

Please make yourself familiar with the candidates, so that you can make an educated choice.

2. Stable IMU Office

One extremely important vote will be on the establishment of a stable office for the International Mathematical Union. The Stable Office Committee has selected three candidate institutions that are ready and willing to serve IMU in the future. These are:

- The Fields Institute, Toronto, Canada
- IMPA, Rio de Janeiro, Brazil
- WIAS, Berlin, Germany

The three finalists will each make 10-minute presentations of their proposals. To give the delegates sufficient lead time to investigate the proposals, each candidate institution has prepared a 2-page summary of its bid. This summary is also downloadable from the password protected Website mentioned above. Each summary contains a link to a Web site where the candidates are providing additional information about their offer.

The Stable Office Committee will report at the GA about the whole selection process.

Sincerely

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 12/2010

International Mathematical Union



August 11, 2010
**IMU AO Circular Letter
12/2010**

To: IMU Adhering Organizations
and to all participants of the
IMU General Assembly 2010
From: Martin Grötschel, IMU Secretary

Dear colleagues,

This is the final letter to all participants of the meeting of the IMU General Assembly before we gather in Bangalore, India, on August 16 and 17, 2010.

I summarize here a few important data and provide some additional information.

1. Agenda and Appendices

Please recall that no printed material will be distributed at the GA. Please print whatever you expect to need and bring the documents with you to Bangalore.

The password protected GA Web site <http://www.mathunion.org/GA2010b>

that you can access with the user-id and password provided earlier contains all information needed for the GA. IMU Bulletin 58 (which is also downloadable from <http://www.mathunion.org/Publications/Bulletins/58/July2010.pdf>) is a comprehensive summary. It contains the GA Agenda and almost all of the appendices.

2. Appendices not in Bulletin 58

A few documents are not in Bulletin 58 because they are not public or arrived after Bulletin 58 was completed. These are the following which are all downloadable from the (above mentioned) password protected GA-Website <http://www.mathunion.org/GA2010b>:

Confidential material:

- (a) The three bids for the IMU Stable office. Click on items
 - 4.2.1. Stable Office bid Fields Institute
 - 4.2.2. Stable Office bid IMPA
 - 4.2.3. Stable Office bid WIASfor the 2-page summaries of the bidding institutions which lead to additional information material.
- (b) All CVs of the selected Candidates for IMU offices. Click on item 8.2 "GA2010 Slates" and then on the names. Please make yourself familiar with the candidates and the bidding institutions.

New documents:

- (c) 6.1.2 Nefarious Numbers. This is a short article on impact factor manipulation in mathematics. Doug Arnold will say a few words about this matter when item 6.1 "CEIC and electronic IMU" is being discussed.
- (d) 6.2 UNESCO Intergovernmental International Mathematical Program. IMU, ICIAM, and ICMI have jointly recommended that UNESCO launches an "Intergovernmental International Mathematical Program". This issue will be taken up under topics 3.1, 6.2, and 12.2. The document containing this proposal (attached) can also be found at: <http://www.mathunion.org/publications/reports-recommendations>

3. The venue and practical Bangalore information

I refrain from repeating everything that you can find in my Letter "IMU AO CL 8/2010: GA in Bangalore: Practical Advice", see <http://www.mathunion.org/Publications/CircularLetters/2010-08.pdf> which provides information about:

- 1. Arrival and Departure: Transport
- 2. Local Transport in Bangalore
- 3. Local Registration, GA Office
- 4. Exact Location of the GA Meeting, Lunch and Tea/Coffee
- 5. Room Plan, Seating Arrangements, Name Tags, Photo Session, "Round Tables"

6. Audio Recording
7. Social Events in Bangalore
8. WiFi, Laptops, and Electricity
9. Contact Data in Case of Emergencies

Just remember that you have to register locally at a registration desk from 7:30 a.m. to 7:00 p.m. on August 15-16 in the Chancery Pavilion Hotel lobby near the reception area of the Hotel. The GA has an early beginning at 8:15 on August 16 with a group photo on the Chancery Pavilion porch. The GA session starts at 9:00 in the Grand Ballroom in the Chancery Pavilion Hotel. In the meantime, every GA participant travelling to Hyderabad should have received information about the Bangalore-Hyderabad flight.

For those who will give a presentation at the GA, there will be a Windows (Lenovo Thinkpad) and an Apple laptop available for the projection of PowerPoint or pdf slides. It would be best if the presentations could be moved onto one of these machines so that the delays because of computer changes are minimized. Please bring your presentation on a USB stick (or the like) along and contact me concerning this matter in Bangalore.

4. GA participants

Attached is the current list of GA participants. As usual, there will be some final cancellations and additions. Only persons who are a "DELEGATE" have the right to vote at the GA, please check column "F Category (name tag)" of the excel table whether your status is correct, and if not send an e-mail to me.

Looking forward to seeing you in Bangalore.

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 13/2010

International Mathematical Union



August 26, 2010
**IMU AO Circular Letter
13/2010**

To: IMU Adhering Organizations
and to all participants of the
IMU General Assembly 2010
From: Martin Grötschel, IMU Secretary

Dear colleagues,

While the International Congress of Mathematicians in Hyderabad, India is running smoothly towards its end, I would like to give a brief report about the results of the 16th General

Assembly of the International Mathematical Union in Bangalore. The full report will appear in IMU Bulletin 59 to be completed this year.

The text below mentions several attachments. These attachments are not attached to this e-mail, they will be sent to you in a second e-mail coming in a few moments. Most of these documents are already on the Web, the remaining will soon be made available via the IMU Web site.

But first of all I want to cite the winners of the IMU Prizes and point to Web pages with detailed information.

IMU Prizes 2010

The four Fields Medal awardees of the year 2010 are:

- Elon Lindenstrauss of Hebrew University, Jerusalem, Israel and Princeton University, Princeton, NJ, USA;
- Ngô Bảo Châu of Université Paris-Sud, Orsay, France;
- Stanislav Smirnov of Université de Genève, Switzerland;
- Cédric Villani of Institut Henri Poincaré, Paris, France.

The winner of the Rolf Nevanlinna Prize 2010 is:

- Daniel Spielman, Yale University, New Haven, CT, USA.

The winner of the Carl Friedrich Gauss Prize for Applications of Mathematics 2010 is:

- Yves Meyer, École Normale Supérieure de Cachan, Cachan, France.

The winner of the Chern Medal Award 2010 is:

- Louis Nirenberg, Courant Institute of the Mathematical Sciences New York, NY, USA.

The Prizes were awarded by Shrimati Pratibha Patil, the Honourable President of India, and IMU President László Lovász. They were assisted by the Chairs/Members of the Prize Selection Committees (R. Kannan, W. Dahmen, R. Bryant) and representatives of the Prize donors (P. Mattila, W. Lück, M. Chu).

More details on the prizes, biodata, laudations, and work profiles of the prize winners, are offered at

<http://www.icm2010.in/prize-winners-2010>.

The page

<http://www.mathunion.org/general/prizes>

provides access to the PowerPoint presentation shown in the award ceremony and lists the members of the various prize selection committees. A video of the Opening Ceremony (including the Award Ceremony) can be found at the ICM 2010 online streaming archive:

<http://www.icm2010.org.in/from-the-venue/online-streaming-archives>.

Details about the (physical) medals and the cash awards are at

<http://www.mathunion.org/general/prizes/physical-medals-and-cash-awards>.

GA Results

Here is a brief summary of the GA results, the numbering is identical to the items on the GA agenda, see IMU Bulletin 58 attached to IMU AO CL 11/2010:

<http://www.mathunion.org/Publications/CircularLetters/2010-11.pdf>.

Various committees, elected at the beginning of the GA, assisted the Executive Committee in conducting the meeting. The EC thanks all members of these committees (see the list attached) for their support.

2.1 and 9. The proposed changes of the Procedures for Election and of the IMU Statutes were approved, see IMU AO CL 10/2010. Changes concern only the election of EC, CDC

and ICHM members. The new Procedures for Election (for the EC, CDC, and ICHM) are attached and can be found at

http://www.mathunion.org/fileadmin/IMU/EC/Procedures_for_Election_2010-final_100816.pdf.

They will soon be merged into a document containing also the ICMI Election Procedures which are, as before, at <http://www.mathunion.org/organization/ec/procedures-for-election>.

The new version of the IMU Statutes is attached and can be found at:

<http://www.mathunion.org/fileadmin/IMU/Statutes2010.pdf>.

2.2-2.6 The GA committees that were elected at the 16th meeting of the General Assembly are attached.

3.2 The new version of the CDC Terms of Reference was approved, see attachment. The new CDC (Commission for Developing Countries) will start its activity in January 2011, a Web page for the CDC is under construction.

4. The Weierstrass Institute in Berlin, Germany was elected as the host of the new permanent office of IMU, starting its operation in 1/2011. The EC has formed a committee to handle all legal and administrative aspects of the move of IMU's office to its new location.

6.1 The document, prepared by the Committee on Electronic Information and Communication, "Best Current Practices for Journals" was approved, see <http://www.mathunion.org/fileadmin/CEIC/bestpractice/bpfinal.pdf>.

10. The members of the IMU Executive Committee (EC), the Committee for Developing Countries (CDC) and the IMU members of the International Commission on the History of Mathematics (ICHM) for the term 2011-2014 were elected, see attachment and <http://www.mathunion.org/fileadmin/IMU/Leadership-2011-2014.pdf>.

11. The IMU budget proposed for 2011-2014 was accepted with the recommendation to restructure the budget after the contract between IMU and the Weierstrass Institute on the operation of the new permanent office has been signed. The (then) new budget is supposed to be sent to the Adhering Organizations by the end of 2011 for approval. A dues increase of 2% per year for 2011-2014 was approved, see resolutions 13 and 14 for exact wording.

14. The resolutions that were approved by the GA can be found in the attachment and at <http://www.mathunion.org/fileadmin/GA/Resolutions/RESOL2010.pdf>.

15. Seoul, Republic of Korea, has been chosen as the location of ICM 2014, this congress will take place in the second half of August 2014. Gyungju will be the location of the next General Assembly.

16.3 IMU Membership: As of September 1, 2010

- Montenegro becomes a new IMU Member,
- Cambodia, Moldova, Nepal, and Oman become new IMU Associate Members,
- the Southeast Asian Mathematical Society becomes a new IMU Affiliate Member.

Digital ICM Proceedings of all time

Finally, at the ICM 2010 Opening Ceremony, the International Mathematical Union has inaugurated the server

<http://www.mathunion.org/ICM>

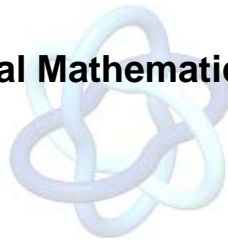
which provides access, free of charge, to the articles in all ICM proceedings volumes since the beginning of this series of congresses. IMU is grateful to all publishing houses that have granted the right to digitize these books. IMU particularly appreciates the work of R. Keith Dennis (Cornell University) and Ulf Rehmann (Universität Bielefeld) who have volunteered to digitize the articles.

Best regards,

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 14/2010

International Mathematical Union



September 2, 2010
**IMU AO Circular Letter
14/2010**

To: IMU Adhering Organizations
and to all participants of the
IMU General Assembly 2010
From: Martin Grötschel, IMU Secretary

Dear colleagues,

At the General Assembly in Bangalore the document, prepared by the Committee on Electronic Information and Communication (CEIC), "Best Current Practices for Journals" was approved, under the side constraint that the Executive Committee "polishes" one statement that was intensively discussed. This has been finished now. The final document can be found at

<http://www.mathunion.org/fileadmin/CEIC/bestpractice/bpfinal.pdf>

and is also attached.

The CEIC has written a press release that is attached.

My request: Please send, in your country, the press release to journalists, scientific newsletters, other scientific societies, funding agencies, publishers, librarians, mathematical colleagues and other individuals who might be interested in this subject. (Of course, you can also send the document itself.)

It is very difficult for the IMU secretariat to find out, in all IMU member countries, who might be the persons/institutions to be the best possible "multipliers" of this document. That is why I am looking for your support in this respect.

Of course, it would be wonderful if the newsletter of your national mathematical society would cover the topic. Newsletters of other scientific societies might be interested in this subject as

well. Please contact them and help distribute the "IMU opinion" on running scientific journals well.

Best regards,

Martin Grötschel
IMU Secretary

IMU AO Circular Letter 15/2010

International Mathematical Union



October 19, 2010
**IMU AO Circular Letter
15/2010**

To: IMU Adhering Organizations
and to all participants of the
IMU General Assembly 2010
From: Martin Grötschel, IMU Secretary

Dear colleagues,

The participants of the IMU General Assembly in Bangalore may recall the discussion about journal ranking at the GA which resulted in resolution No. 18, see below. Executing this resolution, the IMU Executive has, in cooperation with the ICIAM Board, established today an ICIAM/IMU Working Group on Journal Ranking and Pricing (briefly: WG-JRP). This e-mail is supposed to keep you informed about the development. All details can be found in the e-mail below and the documents attached.

Best regards,

Martin Grötschel
IMU Secretary

-----Ursprüngliche Nachricht-----

Von: IMU Secretary [mailto:secretary@mathunion.org]

Gesendet: Dienstag, 19. Oktober 2010 06:07

An: nalini.joshi@sydney.edu.au; arnold@umn.edu; hutchins@nyu.edu; J.D.S.Jones@warwick.ac.uk;

M.A.H.MacCallum@bristol.ac.uk;

peter.michor@esi.ac.at; stefan.mueller@hcm.uni-bonn.de; ttang@hkbu.edu.hk
Cc: ec@mathunion.org; ec14@mathunion.org; Prof. Rolf Jeltsch; 'IMU President'
Betreff: Establishment of the ICIAM/IMU Working Group on Journal Ranking and Pricing (WG-JRP)

To the Members of the Working Group on Journal Ranking and Pricing (abbreviated WG-JRP)
Nalini Joshi <nalini.joshi@sydney.edu.au>, Chair of the Working Group
Douglas N. Arnold <arnold@umn.edu>
Carol Hutchins <hutchins@nyu.edu>
John Jones <J.D.S.Jones@warwick.ac.uk>
Malcolm MacCallum <M.A.H.MacCallum@bristol.ac.uk>
Peter Michor <peter.michor@esi.ac.at>
Stefan Müller <stefan.mueller@hcm.uni-bonn.de>
Tao Tang <ttang@hkbu.edu.hk>

Dear colleagues,

With this letter the ICIAM/IMU Working Group on Journal Ranking and Pricing is formally set up. We wish to thank you for your willingness to serve on this joint committee of IMU and ICIAM.

In the attachment you will find the

- Terms of Reference for the Working Group,*
- the article "Thoughts about journals and the role of international mathematical organisations" by Stefan Mueller,*
- the article "Nefarious Numbers" by Douglas N. Arnold and Kristine K. Fowler,*
- the transcription of the Round Table "The Use of Metrics in Evaluating Research" held at ICM 2010, and*
- a collection of thoughts about the charge of the WG-JRP meant as (partial) guidance of the WG-JRP work.*

For your information, the decision to set up such a WG was made in August at the IMU General Assembly in Bangalore and in parallel at the ICIAM Board meeting in Delhi. The IMU GA resolution No. 18 states:

"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".

The ICIAM Board made a similar proposal and planned to also set up a WG to deal with the proposals made in the Mueller article.

At and after the ICM in Hyderabad the suggestion was made to create a WG that handles both issues simultaneously, call this WG as it is called now and adapt the initially proposed Terms of Reference. IMU and ICIAM are aware that the task is difficult and has many facets, but both organizations do not expect the working group to come up with final suggestions.

That is the reason why, in the Terms of Reference, ICIAM and IMU made some of the statements of various initial suggestions slightly weaker. We decided to ask for not only one plan to rank journals (and the corresponding plan to implement it), but for the suggestion of several ideas and alternatives, so that the Executive Committees of IMU and ICIAM have discussion material and a choice. If we decide to set up our own ranking system, then this is a really major decision that we all have to consider very carefully. We have to consider, in particular, possible side effects that may occur and are unwanted.

The discussion about setting up the WG, its terms, and membership was controversial. That is why you find in the attachment some arguments and suggestion that we ask the WG to consider. Some members of the ICIAM/IMU leadership oppose the creation of an "internationally sanctioned" ranking system in mathematics (of journals or other "objects"), some support the idea of a journal ranking system approved by our organizations but do not believe that IMU and ICIAM have the means to set it

up in a sustainable way, others have come up with additional measures and suggest to provide several "ranking parameters" so that a multi-objective system is created. It could make sense, as proposed, to have workshops with invited experts (IMU and ICIAM have very limited budgets, though) to discuss these issues in depth.

As you can infer from this long introduction and the material in the attachment, ICIAM and IMU are aware that mathematicians worldwide are in a complex situation to which IMU and ICIAM are supposed to provide guidance. Our two organizations hope that the WG-JRP will be able to lead us in the right direction. ICIAM and IMU should be happy if the WG could single out actions they can start soon and problems which can wait.

We also hope that the WG-JRP will be able to provide a report within the time frame as requested in the terms. The report will be discussed within the ECs with the intent to reach conclusions about the next and more concrete steps to be made.

Best regards

Rolf Jeltsch Laci Lovasz
President of ICIAM President of IMU

P.s.: While the Terms of Reference were in the approval state IMU/ICIAM became aware of a project "about promoting a move towards simplicity, transparency and fairness in the process of performance or impact assessment of university research". No comment on this initiative, just for your information, see <http://www.highimpactuniversities.com/> In addition to journal ranking activities that can be found in several countries the world over (see, e.g., the Proposals to the WG-JRP attached), there are more activities of this "very general" type of ranking in progress, all claiming objectivity, transparency, etc. We leave it to the WG-JRP whether it wants to briefly comment on such projects and its impact on mathematics or not.

IMU AO Circular Letter 16/2010

International Mathematical Union



November 11, 2010
**IMU AO Circular Letter
16/2010**

To: IMU Adhering Organizations
and to all participants of the
IMU General Assembly 2010
From: Martin Grötschel, IMU Secretary

Dear colleagues,

I would like to inform you that the decision at the meeting of the General Assembly in August 2010 in Bangalore, India to open the new permanent office of IMU in Berlin is currently in the execution phase. As you know the new Secretariat will be hosted by the Weierstrass Institute for Applied Analysis and Stochastics (WIAS), see

<http://www.wias-berlin.de/index.jsp?lang=1>.

The IMU Executive Committee and the Weierstrass Institute have worked out an agreement on the operation of the office which was recently signed by the IMU President and the WIAS Director.

Based on this agreement, the WIAS administration has formulated the advertisements for the five new positions to be filled (in cooperation with me). This is a legally somewhat difficult process since the way the duties are formulated have influence on the salary scale, and thus, the wording went over several desks for approval.

All positions have an initial 2 years contract that may be extended (and is afterwards basically a lifetime position at WIAS).

The German version of the 5 openings was published in German newspapers this week. Sylwia Markwardt has, in cooperation with the Weierstrass Institute, prepared an English translation. You find the German and the English versions of the job advertisements in the attachment. The deadline for all applications is December 3, 2010. We will try to fill the positions as quickly as possible (without sacrificing quality).

In case you know persons who might be candidates for one of these positions, please forward the opening to these persons. WIAS and IMU are open for employees of any nation and are giving everyone the opportunity to apply.

The timing of the inauguration ceremony has also been decided. The formal opening of the new IMU Secretariat will be on

Tuesday, February 1, 2011, 15:30 - 17:30.

In addition to the current IMU President Laci Lovász, our next President Ingrid Daubechies, ICMI President Bill Barton and several other representatives of IMU and the mathematicians in Berlin and Germany, the Deputy of the Federal Minister of Germany for Education and Research (Staatssekretär Dr. Georg Schütte), the Minister of Education, Science and Research of the State of Berlin (Senator Prof. Dr. Jürgen Zöllner) and several other celebrities will participate in this event.

Best regards,

Martin Grötschel
IMU Secretary

10 attachments

7. International Commission on Mathematical Instruction (ICMI)

<http://www.mathunion.org/icmi/>

Report on ICMI activities in 2010

Bill Barton, Jaime Carvalho e Silva

(See Bulletin No. 58, pp. 88-122 for the Report to the IMU 2006-2010)

1. Organisation

The **2010-2012 ICMI EC** took office on January 1, 2010. It had its first meeting in Auckland on 5-8 April, 2010. IMU was represented by Cheryl Praeger. The financial situation of ICMI was discussed and it was decided to wait until the new IMU stable office was established to define the new structure. The President is being supported by his university with a half-time administrative assistant. The need for close cooperation with IMU was reaffirmed.

The President and the Secretary-General of ICMI were invited as *ex officio* observers to the **General Assembly of IMU** held in Bangalore. The President of ICMI presented a Report on ICMI activities to the General Assembly. Relations with IMU are excellent. In this General Assembly, IMU decided to establish its new permanent stable office at Berlin. Now (in 2011) we have a half-time time secretary, Lena Koch, that assists ICMI in all administrative matters; the other staff at Berlin also assist ICMI.

2. ICMI members

In 2009 ICMI had 85 member countries. In the General Assembly of IMU 4 new countries (**Cambodia, Moldova, Nepal, Oman**) were admitted as Associate Members and 1 as full member (**Montenegro**). These become automatically members of ICMI. So, there are currently 90 member countries of ICMI, 69 of which are also members of IMU and 8 are associate members of IMU.

3. ICMEs

Seoul, Korea will host **ICME-12** in 2012. The congress will take place in the COEX Convention Centre on July 8-15, 2012. The International Programme Committee is chaired by Professor Sung Je Cho, of Seoul National University. This IPC had its second meeting in February 2011 in Jeju, Korea. The programme is finalised and all activities are well under way. Registration fees will be 400 USD, which brings a welcome substantial reduction to these fees as compared to recent ICMEs. Appropriate accommodation is available for all types of budgets. Up to date information is available at <<http://www.icme12.org>>.

A call for bids for **ICME-13**, to be held in 2016, was made in 2008. Formal bids were due by November 1, 2010, and three bids were received. The site visits are being conducted in 2011 and the decision for ICME-13 will be announced by the end of 2011.

4. ICMI Studies

The 2010-2012 Executive Committee launched a new Study in 2010 on Task Design, and is preparing another study on a Primary Mathematics topic. By the end of 2010 the situation is as follows.

- **ICMI Study 18:** *Statistics Education in School Mathematics: Challenges for Teaching and Teacher Education*
The NISS volume has appeared in 2011. (NISS 14)
- **ICMI Study 19:** *The Role of Mathematical Reasoning and Proving in Mathematics Education*
The NISS volume is currently in preparation under the editorship of the two co-chairs, Gila Hanna and Michael de Villiers, with publication expected at the end of 2011. (NISS 15)
- **ICMI Study 20:** *Educational Interfaces between Mathematics and Industry*
Study 20 is jointly organised with the International Council for Industrial and Applied Mathematics (ICIAM). The IPC is co-chaired by Alain Alabamian (Université Paris-Est) and Rudolf Sträßer (Justus-Liebig-Universität Gießen). José Francisco Rodrigues (Universidade de Lisboa) was the Local Organiser for the Study Conference, originally planned for Lisbon in April 2010, but, due to the Icelandic ash cloud, took place on 11-15 October, 2010. The Study was presented during the 7th International Congress on Industrial and Applied Mathematics (ICIAM 2011), in July 2011 in Vancouver. The NISS volume is currently in preparation under the editorship of Alain Damlamian, Rudolf Sträßer and José Francisco Rodrigues.
- **ICMI Study 21:** *Mathematics Education and Language Diversity*
Study 21 has co-chairs Mamokgethi Setati (University of Pretoria) and Maria do Carmo Domite (Universidade de São Paulo). The first meeting of the IPC was held in 2009 and the Discussion Document was available early in 2010. The Study Conference took place in Águas de Lindóia, Brazil, in September, 2011. The website is <<http://www.icmi-21.co.za>>.
- **ICMI Study 22:** *Designing and using tasks for learning mathematics*
The 2010-2012 Executive Committee launched a new Study late in 2010 on Task Design. The co-chairs are Anne Watson (Oxford University) and Minoru Ohtani (University of Kanazawa, Japan). The IPC is scheduled to have its first meeting in January 2012.
- **ICMI Study 23:** *(Primary Mathematics)*
The members of Executive Committee Mariolina Bussi and Roger Howe were asked to make a proposal that will support the launching a new Study on Primary School Mathematics in its meeting in 2012.

5. ICMI Regional Conferences

Several ICMI Regional Conference were held in the year 2010.

- **AFRICME 3** (the *Third Africa Regional Congress of ICMI on Mathematical Education*) "Mathematics as a Leading edge in the Education for All Framework" was held in Gaborone, Botswana, on May 18-21, 2010. AFRICME 3 gathered 121 participants from 14 different countries, including 15 teachers. Renuka Vithal represented ICMI.
- **ICMI-EARCOME-5** conference (the *Fifth ICMI East Asia Regional Conference in Mathematics Education*), was held in Tokyo in 18-22 August 2010, under the theme "In search of excellence of mathematics education". Frederick Leung represented ICMI. EARCOME-6 be held in Thailand in March 2013.

- **XIII CIAEM** (Conferencia interamericana de educación matemática), took place in Recife, Brasil, on June 26-30, 2011. This meeting coincided with the 50th anniversary of the *Comité Interamericano de Educación Matemática* (CIAEM), an organisation recently affiliated to ICMI. Michèle Artigue and Bernard R. Hodgson represented ICMI. More than 1800 mathematics educators, mathematicians and teachers from 33 countries attended.

The ICMI EC has granted the status of ICMI Regional Conference to the following coming conference:

- **EMF 2012** (Espace mathématique francophone), to be held in Geneva, Switzerland, in 2012. Bernard R. Hodgson and Jaime Carvalho e Silva will represent ICMI.

6. UNESCO/ICMI Exhibition

For several years, ICMI has been sponsoring, jointly with UNESCO, IMU, CIMPA and the French Ministry of Foreign Affairs, the exhibition “**Experiencing mathematics**”, whose aim is to improve the image of mathematics among the general public. Three copies of the exhibition circulate internationally.

During 2010, one copy finished circulating in Latin America and returned to Santiago University (Chile) for the first quarter of 2010. It then went to Cordoba (Spain) in September-October on the occasion of the XIII Congreso de Enseñanza y Aprendizaje de las Matemáticas of the THALES society (Sociedad Andaluza de Educación Matemática THALES).

The second set travelled in Korea, with the support of NateSystem and KIDP (Korean Institute of Design Promotion) ended in Seoul in October 2010. The third set of the exhibition travelled in 2010 in Burkina Faso, in the cities Ouagadougou, Koudougou & Bobo Dioulasso.

7. Pipeline Project

The final report of the “**Pipeline Project**” was presented at ICM 2010 in a panel chaired by the President of ICMI Bill Barton.

8. The Klein Project

The Klein Project, a project to revisit the vision of Felix Klein’s book *Elementary Mathematics from an Advanced Standpoint*, continued with a second meeting of the Design Group in Auckland in April 2010, and again in Spain in June, 2010. Four Klein meetings took place in 2010: in Castro-Urdiales, Spain (June), in Belo Horizonte, Brasil (July), in UK at Oxford University (June), and at a special session at Mathfest 2010 in Pittsburg, USA (August).

A wiki site is at <www.kleinproject.org>.

9. Collaboration with UNESCO

2010 saw a renewal of the relationships with **UNESCO**, an important objective of the 1999-2002 ICMI EC, building on the collaboration with the exhibition mentioned above. UNESCO sponsored several ICMI events in the developing world.

In 2009, ICMI President Michèle Artigue was invited to contribute the mathematical part of a document on “**The challenges of mathematics and science basic education**”, to be published and disseminated by UNESCO in French, English and Spanish. It was published in

2010. The ICMI EC has affirmed this document as a position statement on Mathematics Education for its own purposes.

Arising from this interaction, ICMI developed a project to enhance mathematics capacity in developing regions: the **Capacity & Networking Project (CANP)**. CANP is now a major development focus of ICMI, IMU, and ICIAM and the first instance received substantial UNESCO funding.

CANP consists of an on-going series of programmes in a different developing region each year. The first programme will be in Mali in September, 2011. The second will be in Central America in 2012. The third will be in South East Asia in 2013 to build on existing developing initiatives in Cambodia and Nepal.

10. ICMI Affiliate Organizations

The Terms of Reference of ICMI were amended in 2009 to allow affiliation to ICMI not only of study groups with a specific field of interest, but also of multi-national mathematical education societies. After **CIAEM** (Comité Interamericano de Educación Matemática / Inter-American Committee on Mathematical Education), two other organizations asked to become affiliated to ICMI: **CIEAEM** (*Commission Internationale pour l'Étude et l'Amélioration de l'Enseignement des Mathématiques / International Commission for the Study and Improvement of Mathematics Teaching*) and **ERME** (*European Society for Research in Mathematics Education*),

11. ICMI in CDC

In August 2009 IMU decided to set up a Commission for Developing Countries (CDC). The ICMI Executive Committee appoints one member of this Commission. The ICMI 2010-2012 Executive Committee nominated Vice-President Angel Ruiz as member of this Commission.

12. The ICMI Awards

The two recipients of the **ICMI Awards in mathematics education research** for the year 2009 were announced in February, 2010. The 2009 Felix Klein Medal was awarded to Gilah Leder, and the Hans Freudenthal Medal to Yves Chevallard. The awards will be presented at the opening ceremony of ICME-12 in Seoul, together with the 2011 ICMI Awards.

Mogens Niss and two other members ended their term as the chair the **ICMI Award Committee** in 2010. Three new members and a new Chair will be appointed in 2011.

13. IMU/ICMI Digitisation Programme

The **ICMI Digital Library** was officially launched on July 1, 2009. Negotiations were pursued in 2010 with ICMI publishers of past years, Springer and Cambridge University Press (CUP). A contract was signed with CUP in June, 2010 to make this material available online and negotiations with Springer are still in progress.

All ICMI Bulletins digitized with the help of IMU are being put online, the most recent Proceedings of ICMI Study meetings are also being put online and the ICMI Studies edited by CUP are available online for the ICMI community.

14. Information and Communication

Besides direct e-mail contact with the ICMI Representatives or other members of the international mathematics education community, the dissemination of information occurs through the yearly *ICMI Bulletin*, the *ICMI News* appearing every two months, alternating with *IMU-Net*, and the *ICMI website*, all under the editorship of the Secretary-General of ICMI.

The new *ICMI website* was launched in May 2009. The website, now hosted on the IMU server, will receive some improvements in 2011 <<http://www.mathunion.org/icmi/>>. A Facebook presence is also now available.

ICMI Financial Report 2010

Bill Barton, Jaime Carvalho e Silva

ACCOUNTS

For the year ended December 31, 2010

ICMI Accounts 2010

1 January – 31 December

BALANCE AS OF JANUARY 1:

ICMI	• Canadian Dollars	12 537,74
	• US Dollars	(106,96)
	• Euros	64 677,09

Solidarity Fund (US Dollars)	39 426,29
-------------------------------------	------------------

Canadian Dollars Account:

Income:	
balance 2009	12 537,74

interest	33,94
total	<u>12 571,68</u>

Expenditure:

Purchase of copies of the ICMI Centennial volume	1 732,83
<i>ICMI Bulletin</i> : editing and translation of articles	525,00
bank charges (checks and foreign transfers)	10,69

ICMI balance 2010 (CAD account) 10 303,16

total 12 571,68

US Dollars Account:**Income:**

ICMI balance 2009	(106,96)
grant from UNESCO: CANP Project	15 000,00
royalties on ICMI Study volumes – 2009 (Springer)	1 619,79
royalties on ICMI Study volumes – 2010 (Springer)	868,36
ICMI interest	0,00

Solidarity Fund balance 2009 39 426,29

Solidarity Fund interest 112,95

total 56 920,43

Expenditure:

ICMI/IMU Pipeline meeting, Valencia (October 2009)	3 474,00
ICMI EC meeting, Auckland (April 2010): travel of EC members	2 277,19
ICMI Study 20: conference, Lisbon (October 2010)	785,95
travels and expenses of ICMI President	7 407,00
bank charges (checks and foreign transfers)	180,13
Solidarity Fund support to a conference in Cambodia	5 000,00

ICMI balance 2010 (USD account) 3 256,92

Solidarity Fund balance 2010 (USD account) 34 539,24

total 56 920,43

Euros Account:

Income:

balance 2009	64 677,09
interest	76,55
total	<u>64 753,64</u>

Expenditure: 0,00

ICMI balance 2010 (EUR account) 64 753,64

total 64 753,64

Average exchange rate, 2010 1 USD = 1,03 CAD
= 0,75 EUR

8. Commission on Development and Exchanges (CDE)

<http://www.math.osu.edu/imu.cdc/index.html>

as of January 2011 Commission for Developing Countries (<http://www.mathunion.org/cdc/>)

Report on CDE activities in 2010

Herb Clemens & Janhavi Joshi/ Lena Koch

(See Bulletin No. 58, pp. 122-139 for the Report to the IMU 2006-2010)

During the interval 1 January - 31 December 2010, CDE received a total of 60 applications for financial support, in the three existing categories:

- (i) Conferences in developing countries¹
- (ii) Conferences in developed countries²
- (iii) Individual research travel support

After initial routine screening by the Administrative Secretary to ensure that requests fell within IMU programme guidelines, a total of 49³ applications were circulated to the Commission for review during the year.

During the interval 1 January -31 December, a total of 43 awards were made, for a total value of USD 64130.

Partial support was granted in **19 cases** for conferences taking place in the following **developing countries**:

Country	No. awards	Total value of awards (USD)
Botswana	1	2,500
Cameroon	1	2,000
Colombia	2	4,000
El Salvador	1	2,000
India	3	4,500
Indonesia	1	1,500
Malaysia	1	2,000
Mali	1	2,000
Morocco	3	5,750
Peru	1	1,500
Thailand	1	2,000
Tunisia	1	2,000
Ukraine	1	1,500
Vietnam	1	2,000
Total	19	35,250

Partial support was granted in **8 cases of conferences** taking place in the following **developed countries**:

¹ In 2010, the IMU/CDE definition of a developing country was where the Per Capita Gross National Income according to the World Bank's Development Indicators (Atlas methodology) was not in excess of USD 7,500 (World Development Indicators database, World Bank, revised 9 July 2010.)

² CDE support to this category is intended solely for the participation of mathematicians from developing countries. Furthermore, conference organizers are required to demonstrate that they will match the funds being requested from/granted by CDE by an equal amount from other sources also dedicated to the participation of mathematicians from developing countries.

³ This number includes those applications received during December 2009 and circulated to the Commission in January 2010.

Country	No. awards	Total value of awards (USD)
Argentina	1	2,000
Brazil	1	1,500
Chile	1	2,000
Mexico	1	2,500
Spain	2	2,000
Turkey	1	2,000
USA	1	2,000
Total	8	14,000

Individual research travel support was granted in **16 cases**, to mathematicians from:

Country	No. awards	Total value of awards (USD)
Algeria	1	700
Belarus	1	650
Benin	2	2,200
Cameroon	1	1,200
Iran	2	1,480
Kenia	1	1000
Lebanon	1	700
Nigeria	1	1,000
Pakistan	1	1,000
Tunisia	1	1,250
Uzbekistan	4	3,700
Total	16	14,880

Due to budgetary constraints, the amounts awarded for conferences were rather small.

Schedule A expenditures during the year 2010 were limited to USD 1303,17 (in bank fees charged for the transfer of grant monies).

Income 1 January - 31 December 2010

CDE Beginning balance 1 Jan. 2010	Schedule A	\$1.122,01
CDE Beginning balance 1 Jan. 2010	Schedule B	\$5.982,96

Donation by Mathematical Society of Japan		\$1.643,72
Donation by Swiss Mathematical Society		\$716,82
IMU contribution 2010		\$50.000,00
Transfer from DCSG		\$9.750,00
		\$69.215,51
Dzhalilov unspent balance (return)		\$163,66
Muranov excess funds return		\$125,00
Total Income 2010		\$69.504,17

Income vs. Expenses:

Income vs. Expenses 2010	
Total Income	\$69.504,17
Expenditures Grants	\$64.130,00
Expenditures Bank fees	\$ 1.303,17
Savings 2010	\$ 4.071,00

A detailed financial report accompanies this narrative.

Misc.

During the year, CDE co-operated fully with the efforts of the Executive Committee of the IMU to expand the reach of IMU support in the developing world. CDE also worked with organizers of ICM 2010 and granted funds to satellite conferences.

CDE Report 2010

CDE BUDGET 2010								
(funds held in Berlin)								
Transaction	Bank Cont.	Date	Type	Schedule A	Schedule B	Balances		Account Balance
						(Admin.)	(\$ to Ind.)	
			CS=Conf. Support					
			IRT=Ind. Res. Trav.					
CDE Beginning balance 1 Jan. 2010		01.01.2010	income			USD1.122,01	USD5.982,96	USD7.104,97
Donation by Mathematical Society of Japan		24.02.2010	income		-USD1.643,72	USD1.122,01	USD7.626,68	USD8.748,69
Donation by Swiss Mathematical Society		24.02.2010	income		-USD716,82	USD1.122,01	USD8.343,50	USD9.465,51
Dzhailov (615.71 euros + CDE credit at ICTP)	Mar 1 - Apr 30, 2010 Req -> Sylwia 2/10/10	10.03.2010	RT Uzbekistan -> Italy		USD1.000,00	USD1.122,01	USD7.343,50	USD8.465,51
Vijayakumar	12-15 Aug. 10 Req -> Sylwia 3/8/10	10.03.2010	CS India		USD1.500,00	USD1.122,01	USD5.843,50	USD6.965,51
Maestre	7-11 June 2010 Req -> Sylwia 3/8/10	10.03.2010	CS Spain		USD1.000,00	USD1.122,01	USD4.843,50	USD5.965,51
Benazic	12-23 July 2010 Req -> Sylwia 3/8/10	10.03.2010	CS Peru		USD1.500,00	USD1.122,01	USD3.343,50	USD4.465,51
Burszyn	26-30 July 10 Req -> Sylwia 3/16/10	18.03.2010	CS Brazil		USD1.500,00	USD1.122,01	USD1.843,50	USD2.965,51
Malonza	10 May - 10 July 10, Req -> Sylwia 3/15/10	18.03.2010	RT Kenya -> Italy		USD1.000,00	USD1.122,01	USD843,50	USD1.965,51
Khodabaksh	15 June - 31 Aug, Req -> Sylwia 3/15/10	18.03.2010	RT Iran -> Italy		USD700,00	USD1.122,01	USD143,50	USD1.265,51
Dzhailov unspent balance		16.04.2010	income/return		-USD163,66	USD1.122,01	USD307,16	USD1.429,17
Florescu	June 24 - 27, 2010 Req -> Sylwia 5/12/10	12.05.2010	CS USA		USD2.000,00	USD1.122,01	-USD1.692,84	-USD570,83
Faiza	July 17 - Sept 13, 2010 Req -> Sylwia 4/7/10	12.05.2010	RT Algeria -> Italy		USD700,00	USD1.122,01	-USD2.392,84	-USD1.270,83
Tangara	November 15 - 26, 2010 Req -> Sylwia 4/7/10	12.05.2010	CS Mali		USD2.000,00	USD1.122,01	-USD4.392,84	-USD3.270,83
Muranov	July 19 - August 18, 2010 Req -> Sylwia 3/31/10	12.05.2010	RT Belarus -> Slovenia		USD650,00	USD1.122,01	-USD5.042,84	-USD3.920,83
Asadollahi	July 1-31, 2010	22.07.2010	RT Iran		USD780,00	USD1.122,01	-USD5.822,84	-USD4.700,83
Utkir	June 14 - July 12, 2010	22.07.2010	RT Uzbekistan		USD1.000,00	USD1.122,01	-USD6.822,84	-USD5.700,83
Bouetou	Sept 09 - Nov 19, 2010	22.07.2010	RT Cameroon		USD1.200,00	USD1.122,01	-USD8.022,84	-USD6.900,83
Ebrahimi-Fard	June 21 - June 25, 2010	22.07.2010	CS Spain		USD1.000,00	USD1.122,01	-USD9.022,84	-USD7.900,83
Cyriaque	Aug 15 - Sept 15, 2010	22.07.2010	RT Benin		USD1.000,00	USD1.122,01	-USD10.022,84	-USD8.900,83
Webbe	July 1 - 31, 2010	22.07.2010	RT Lebanon		USD700,00	USD1.122,01	-USD10.722,84	-USD9.600,83
Tosun	Sept 12-15, 2010	22.07.2010	CS Turkey		USD2.000,00	USD1.122,01	-USD12.722,84	-USD11.600,83
Bekolle- Njabo	Sept 9 - 18, 2010	22.07.2010	CS Cameroon		USD2.000,00	USD1.122,01	-USD14.722,84	-USD13.600,83
Ponnusamy	Aug 9-17, 2010 req -> Sylwia 6/21/10	06.08.2010	CS India		USD1.000,00	USD1.122,01	-USD15.722,84	-USD14.600,83
Leadi	September 1 - October 31, 2010	12.08.2010	RT Benin		USD1.200,00	USD1.122,01	-USD16.922,84	-USD15.800,83
Vasilieva	Nov 28 - Dec 3, 2010	09.08.2010	CS Colombia		USD2.000,00	USD1.122,01	-USD18.922,84	-USD17.800,83
Assim	Oct 25 - 29, 2010	20.09.2010	CS Morocco		USD1.500,00	USD1.122,01	-USD20.422,84	-USD19.300,83
Muranov excess funds return		08.10.2010	income/ return		-USD125,00	USD1.122,01	-USD20.297,84	-USD19.175,83
IMU contribution 2010 (DCSG)			income		-USD50.000,00	USD1.122,01	USD29.702,16	USD30.824,17
Rodriguez	Dec 10-13, 2010	10.10.2010	CS Chile		USD2.000,00	USD1.122,01	USD27.702,16	USD28.824,17
Lorenz	January 17-28, 2011	08.10.2010	CS Vietnam		USD2.000,00	USD1.122,01	USD25.702,16	USD26.824,17
Hayotov	Sept 23 - Dec 21, 2010	08.10.2010	RT Uzbekistan		USD1.000,00	USD1.122,01	USD24.702,16	USD25.824,17
Panda	March 28-31, 2011	18.10.2010	CS India		USD2.000,00	USD1.122,01	USD22.702,16	USD23.824,17
Yengui	June 1-30, 2011	18.10.2010	RT Tunisia		USD1.250,00	USD1.122,01	USD21.452,16	USD22.574,17
Transfer from DCSG			income		-USD2.000,00	USD1.122,01	USD23.452,16	USD24.574,17
Aneke	Mar 6 - June 2, 2011	08.03.2011	RT Nigeria		USD1.000,00	USD1.122,01	USD22.452,16	USD23.574,17
Lungu		08.03.2011	CS Botswana		USD2.500,00	USD1.122,01	USD19.952,16	USD21.074,17
Zainuddin	12-14 Apr, 2011	08.03.2011	CS Malaysia		USD2.000,00	USD1.122,01	USD17.952,16	USD19.074,17
Naeem	July 1 - Aug 31, 2011	08.03.2011	RT Pakistan		USD1.000,00	USD1.122,01	USD16.952,16	USD18.074,17
Stuchi-Raydan	31 May - 9 June, 2011	08.03.2011	CS El Salvador		USD2.000,00	USD1.122,01	USD14.952,16	USD16.074,17
Caballero	19-24 June, 2011		CS Mexico		USD2.500,00	USD1.122,01	USD12.452,16	USD13.574,17
Lewkeeratiyutkul-Bertozzini	May 15 - 28, 2011	08.03.2011	CS Thailand		USD2.000,00	USD1.122,01	USD10.452,16	USD11.574,17
Tirao-Andruskiewitsch	May, 2011	08.03.2011	CS Argentina		USD2.000,00	USD1.122,01	USD8.452,16	USD9.574,17
Muminov (USD 1000 changed to 500 Euros=700 USD)	Jan 14 - Mar 18, 2011	08.03.2011	RT Uzbekistan		USD700,00	USD1.122,01	USD7.752,16	USD8.874,17
From DCSG			income		-USD4.250,00	USD1.122,01	USD12.002,16	USD13.124,17
From DCSG			income		-USD3.500,00	USD1.122,01	USD15.502,16	USD16.624,17

Commitments undertaken in 2010 for 2011							USD1.122,01	USD15.502,16	USD16.624,17
Cardona - Reyes	July 4-22, 2011			CS Colombia		USD2.000,00	USD1.122,01	USD13.502,16	USD14.624,17
Sbibih - Benazzi	May 23 - 26, 2011			CS Morocco		USD2.000,00	USD1.122,01	USD11.502,16	USD12.624,17
Bernard	July 18 - 29, 2011			CS Indonesia		USD1.500,00	USD1.122,01	USD10.002,16	USD11.124,17
Drozdz	Aug 8-19, 2011			CS Ukraine		USD1.500,00	USD1.122,01	USD8.502,16	USD9.624,17
Piotr	5-17 Sept, 2011			CS Tunisia		USD2.000,00	USD1.122,01	USD6.502,16	USD7.624,17
Boushaba	1-15 Aug, 2011			CS Morocco		USD2.250,00	USD1.122,01	USD4.252,16	USD5.374,17
Bank charges for transfers in 2010					USD 1.303,17		USD (181,16)	USD4.252,16	USD4.071,00
Savings CDE 2010									USD4.071,00

Report on the activities of the Developing Countries Strategy Group (DCSG) 1 January - 31 December 2010

Herb Clemens & Janhavi Joshi/ Lena Koch

Activities

- DCSG continued its support to the Africa Mathematics Millennium Science Initiative (AMMSI) for its graduate student scholarship program. An amount of USD 20,000 was awarded to AMMSI. A part of the resolution submitted to the IMU General Assembly was dedicated to addressing the funding needs of these kinds of Mathematics Networks in the developing world, but in the mean time successful programs that 'require more constancy than innovation' need to be maintained, at least in skeletal form. They will be much harder to start up again if continuity is interrupted and reliability is broken. DCSG believes that funding this program has a really high benefit-to-cost ratio.
- DCSG granted GIRAGA XIII, the biennial research conference for Francophone Africa, USD 3000 in addition to the USD 2000 granted by CDE. This conference has been convened every other year in West Africa for a quarter of a century and is the premier conference at which mathematicians from Francophone Africa have the opportunity to present their research.
- DCSG granted Euro 1500 to Dr. Phasy in support of the CIMPA Summer 2012 workshop at the National University of Laos in Vientiane.
- DCSG supported Dr. Zainy with USD 250 for his attendance at the Erbil workshop "International Conference on Revitalizing Research in Kurdistan" and his meetings there with Michel Waldschmidt. One of the importance parts of his participation was to interact with other mathematicians in the region and get help in fostering the mathematical community in Iraq.
- DCSG supported the following activities under Volunteer Lecturer Program:
 - Dr. Vershinin offered an intensive course at Obafemi Awolowo University, Ile-Ife, Nigeria, from May 5 – May 25, 2010. (USD 1870).
 - Dr. Nakamaye offered an intensive course at Obafemi Awolowo University, Ile-Ife, Nigeria, in October, 2010. DCSG supported his teaching assistant Martha Byrne during his second VLP visit. (USD 1000).

6. DCSG provided a support of USD 666 to Dr. Pineda for his participation at ICM 2010. Dr. Pineda presented the activities and goal of VLP at ICM and also encouraged mathematicians from all across the world to introduce this program to their university.
7. DCSG prepared and distributed brochures to introduce VLP to mathematicians at ICM 2010. (USD 3000).
8. An amount of USD 9750 was granted to CDE for supporting the travel expenses of mathematicians' research visit to or from developing countries.
9. DCSG USD 5000 in support of secondary teacher workshops in Mali as part of a UNESCO project. The workshops are mathematics-intensive, modeled in part after the mathematics teacher workshops conducted annually by the IAS/Park City Mathematics Institute in the U.S. Administrative Expenses:

Administrative Expenses:

1. Dr. Clemens met with Dr. Grötschel in order to discuss the progress and future of CDE/DCSG/CDC (USD 51).
2. Dr. Tsou visited ICTP in November 2010. (USD 325).
3. Dr. Clemens met with Dr. de la Pena and Ms. Janhavi Joshi in Irvine, California, USA, to discuss the future possible projects and give Dr. de la Pena an overview of the past CDC activities. (USD 1017).
4. Bank charges for transfers were USD 162,90.

Income:

Income DCSG	Income		Total Income
	Schedule A	Schedule B	
DCSG Beginning Balance 2010 (savings from 2009)	\$7.767,61	\$10.121,88	\$17.889,49
Abel Foundation grant + IMU grant		\$106.195,00	\$124.084,49
Total Income	\$7.767,61	\$116.316,88	\$124.084,49

Expenses:

Expenses DCSG	Expenses		Total Expenses
	Schedule A	Schedule B	
Activities DCSG		\$37591,01	\$37591,01
Transfer of IMU support of CDE		\$50000	\$87591,01

Additional Support of CDE		\$9750	\$97341,01
Administrative costs	\$1555,90		\$98896,91
CDC Meeting in Berlin		\$25000	\$123896,91
Total Expenses	\$1555,90	\$122.341,01	\$123896,91

Income vs. Expenses:

Income vs. Expenses	
Income	\$124.084,49
Expenses	\$123.896,91
Savings	\$187,58

DCSG Report 2010

DCSG BUDGET 2010 (funds held in Berlin)								
Transaction	Bank Cont.	Date	Type	Schedule A	Schedule B	Balances		Account Balance
				(Admin.)	(\$ to Ind.)	Schedule A	Schedule B	
			CS=Conf. Support					
			RT=Ind. Res. Trav.					
DCSG Beginning Balance 2010						USD7.767,61	USD10.121,88	USD17.889,49
Abel Foundation grant + IMU grant (see Sylwia's email on 7/5/10)		30.03.2010			-USD106.195,00	USD7.767,61	USD116.316,88	USD124.084,49
VLP (Vershinin, Nigeria, May 5-25)	req -> Sylwia 7/14/10	22.07.2010			USD1.870,01	USD7.767,61	USD114.446,87	USD122.214,48
Herb - Martin meeting in Pittsburgh 7/14/10				USD51,00		USD7.716,61	USD114.446,87	USD122.163,48
AMMSI (Wandera Ogana)	req -> Sylwia 7/2/10	30.07.2010			USD20.000,00	USD7.716,61	USD94.446,87	USD102.163,48
GIRAGA XIII	9-18 SEPT, 2010	21.09.2010	CS Cameroon		USD3.000,00	USD7.716,61	USD91.446,87	USD99.163,48
Transfer to CDE					USD50.000,00	USD7.716,61	USD41.446,87	USD49.163,48
Martha Byrne (VLP- Nigeria, Nakamayye teaching assistant)		17.03.2011			USD1.000,00	USD7.716,61	USD40.446,87	USD48.163,48
Phasy- CIMPA Summer 2012 workshop at the National University of Laos (1500 euros)	Summer 2011	08.03.2011	CS Vientiane		USD2.005,00	USD7.716,61	USD38.441,87	USD46.158,48
Brchure for VLP (INR 13,250)					USD3.000,00	USD7.716,61	USD35.441,87	USD43.158,48
Pineda ICM visit					USD800,00	USD7.716,61	USD34.641,87	USD42.358,48
VLP-Angel Pineda (ICM 2010 presentation)(repeated?)					USD666,00	USD7.716,61	USD33.975,87	USD41.692,48
Tsou (ICTP visit)(186 pounds)				USD325,00		USD7.391,61	USD33.975,87	USD41.367,48
Zainy (Baghdad project presentation)	14-16 Dec 2010		RT Iraq		USD250,00	USD7.391,61	USD33.725,87	USD41.117,48
Transfer to CDE					USD2.000,00	USD7.391,61	USD31.725,87	USD39.117,48
Transfer to CDE					USD4.250,00	USD7.391,61	USD27.475,87	USD34.867,48
Transfer to CDE					USD3.500,00	USD7.391,61	USD23.975,87	USD31.367,48
Encumbered against 2010 budget						USD7.391,61	USD23.975,87	USD31.367,48
Irvine Meeting- Janhavi Joshi				USD317,00		USD7.074,61	USD23.975,87	USD31.050,48
Irvine Meeting- de la Peña				USD700,00		USD6.374,61	USD23.975,87	USD30.350,48
January 31 - Feb 2, 2011 CDC meeting in Berlin					USD25.000,00	USD6.374,61	-USD1.024,13	USD5.350,48
ICM/Unesco Project (Bill Barton)					USD5.000,00	USD6.374,61	-USD6.024,13	USD350,48
						USD6.374,61	-USD6.024,13	USD350,48
Bank charges				USD 162,90		USD6.211,71	-USD6.024,13	USD187,58
				USD1.555,90	USD122.341,01	USD123.896,91		

9. International Commission on the History of Mathematics (ICHM)

<http://www.unizar.es/ichm/>

Report of the Activities of the International Commission for the History of Mathematics in 2010

Craig Fraser (Chair)

(See Bulletin No. 58, pp. 140-142 for the Report to the IMU 2006-2010)

Projects:

1. The ICHM continues to maintain a webpage of its activities and of matters of interest to historians of mathematics internationally. See the ICHM website <http://www.unizar.es/ichm/home.htm>
2. The ICHM continues to update and maintain a database of information on historians of mathematics around the world.
3. The ICHM created and maintains an e-mail list of historians of mathematics internationally designed to inform colleagues in a timely manner of the ICHM's activities.
4. The ICHM continues actively to solicit and to co-sponsor special sessions and conferences internationally.
5. The ICHM is in the process of establishing a committee to spearhead a project that will be devoted to an updated bibliography of the history of mathematics.

Publications:

Historia Mathematica is the official journal of the ICHM. It appears four times annually and publishes roughly 525 pages of original research in the history of mathematics from all times and cultures. The journal is currently edited by Niccolò Guicciardini (Italy) and June Barrow-Green (United Kingdom). It is published by Elsevier Science and is available electronically to subscribers of IDEAL.

Medals and Prizes:

The Kenneth O. May Medal is awarded every four years to the historian or historians of mathematics whose work best exemplifies the high scholarly and intellectual contributions to the field that May worked so hard to achieve. It was awarded for the sixth time at the International Congress of History of Science and Technology in Budapest, Hungary in July 2009 to Ivor Grattan-Guinness (United Kingdom) for his seminal work particularly in the history of nineteenth- and twentieth-century mathematics and to R. C. Gupta (India) for his ground-breaking work on the history of mathematics in India (see the ICHM website for the report).

The formal presentation of the May Prize to R. C. Gupta took place at the closing Ceremony of the International Congress of Mathematics on August 27, 2010 in Hyderabad, India. The presentation was made by Kim Plofker. The ceremony is on archived video at the ICM website, in the Closing Ceremony at about 00:30.

Conferences co-sponsored by the ICHM in 2010

“Sessions on history of mathematics,”

January 15-16, 2010; Joint Mathematics Meeting of the American Mathematical Society and the Mathematical Association of America, San Francisco, CA

Organizers: Craig Fraser, Deborah Kent, Sloan Despeaux

"Mathematics meets physics – General and local aspects"

March 22 –25, 2010; Saxon Academy of Science, Leipzig

Organizers: Menso Folkerts, Karl-Heinz Schlote, Martina Schneider

"International Conference on the History of Modern Mathematics"

August 11-17, 2010; Xi'an, CHINA

Organizers: Qu Anjing and Karine Chemla

"The History of the History of Mathematics"

December 16-17, 2010; All Souls College, Oxford University

Organizer: Benjamin Wardhaugh, Oxford University

“Borders and Gates or Open Spaces? Knowledge cultures in the Mediterranean during the 14th and 15th centuries”

December 17-22, 2010, Universidad de Sevilla

Organizers: Sonja Brentjes, José Ferreirós Domínguez

“Sessions on history of mathematics,”

January 6-7, 2011; Joint Mathematics Meeting of the American Mathematical Society and the Mathematical Association of America, San Francisco, CA

Organizers: Craig Fraser, Deborah Kent, Sloan Despeaux

Administration

In 2010 Menso Folkerts completed his many years of service as treasurer of the ICHM. The new treasurer of the ICHM is Henrik Kragh Sørensen. The ICHM accounts were transferred from Munich to Aarhus in October of 2010.

10. Committee on Electronic Information and Communication (CEIC)

<http://www.mathunion.org/ceic/>

CEIC Activity Report 2010

John Ball, Chair

(See Bulletin No. 58, pp. 142-145 for the Quadrennial Report of the CEIC, July 2010)

Meetings

The report on the February 2010 meeting of CEIC in Minneapolis already appeared in IMU Bulletin 57, and there were no further meetings of CEIC in 2010.

Best Current Practices for Journals

This document had been drafted at the February 2010 CEIC meeting by CEIC together with Professor Douglas Arnold (University of Minnesota). It was subsequently sent to various stakeholders for comment, revised, and submitted to the IMU Executive Committee, who agreed that it should be considered at the IMU General Assembly in Bangalore. There was a lively debate at the General Assembly, which endorsed the document subject to minor changes being approved by the IMU Executive Committee, which duly happened. The document is available on the IMU website and also appeared in the January 2011 issue of the Notices of the American Mathematical Society.

Round Table on The Use of Metrics in Evaluating Research

This Round Table, which had been organized by CEIC, was held at ICM 2010 in Hyderabad. An edited transcript has appeared in the ICM Proceedings.

Terms of Reference

The following updated terms of reference of CEIC were approved by the IMU Executive Committee at its meeting in Bangalore prior to the General Assembly:

Terms of Reference.

(a) Reporting regularly to the EC, advising it on aspects of IMU operations related to information and communication, including financial implications, and keeping it informed of new developments.

(b) Reviewing the development of electronic information, communication, publication, and archiving so as to keep the EC abreast of current and emerging issues. Publicising relevant developments to the wider community via IMU on the Web and other methods.

(c) Advising the EC about potential opportunities to endorse standards ('best practice recommendations') on issues related to publication and communication, including such matters as the use of software and data repositories.

(d) Advising the EC about potential opportunities to foster the growth of electronic infrastructure, and selectively creating tools for this purpose.

Retirements and new members

The following members of CEIC left the Committee at the end of 2010: John Ball, Michael Doob, Ulf Rehmann, and were replaced by Thierry Bouche, László Lovász (EC representative), and Ravi Vakil. The committee for the period 2011-14 is thus:

Peter Olver (Chair), Thierry Bouche, Olga Caprotti, James Davenport, Carol Hutchins, László Lovász, Ravi Vakil.

Finances

EUR 5,623 was received from the IMU to cover expenditure on the Minneapolis meeting of the CEIC.

11. Independent Auditor's Report 2010



International Mathematical Union
Berlin

Audit Report on the
Annual Financial Statements as of 31 December 2010

International Mathematical Union Berlin

Audit Report on the
Annual Financial Statements as of 31 December 2010

28 January 2011

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Annexes to the Audit Report

A. Audit Engagement

We were engaged by the Secretary and Treasurer of the

International Mathematical Union
Berlin

(hereinafter "IMU" or "Association")

to audit and report on the annual financial statements for the reporting year ending 31 December 2010.

The IMU is an international association. According to German law, the IMU is an "ideal" association (§ 21 German Civil Code (BGB)) since it pursues ideal purposes rather than financial purposes. The Association does not have legal capacity in Germany because it is not registered with the German Register of Associations.

The Association is not required by law to have its annual financial statements audited. In accordance with Article 45 of the IMU Statutes, at least once every four years the members of the Union shall obtain from the Executive Committee an audit of the accounts. In continuation of current practice, the audit of the annual financial statements is performed annually. The financial statements consist of a statement of assets and liabilities as well as a statement of income and expenditure. According to the size definitions of § 267 German Commercial Code (HGB), the IMU would be classified as a small entity. Accordingly, the audit was performed in conformity with the accounting regulations applicable to small entities.

As per agreement, we included explanations to the net assets, financial position and results of operations in our audit report (section D.)

The budget comparison included in Annex 4 was, per agreement, not audited.

The performance of the audit and our liability, including any third-party liability, is controlled by the enclosed "General Engagement Terms for German Public Auditors and Public Audit Firms as of January 1, 2002" under Annex 6.



In performing our audit, we observed the rules on independence under § 321 (4a) HGB.

This report was prepared under the auditing standard of the Institut der Wirtschaftsprüfer in Deutschland e. V. IDW PS 450 "Generally Accepted Standards for the Issuance of Longform Audit Reports for the Audit of Financial Statements".

B. Object, Nature and Scope of the Audit

Object of the Audit

We audited the annual financial statements of the IMU as of 31 December 2010 together with the bookkeeping system. The financial statements (statements of assets and liabilities and income and expenditure) were prepared in accordance with German accounting principles. Bookkeeping and the preparation of the annual financial statements are the responsibility of the Association's Secretary. Our responsibility is to provide an opinion on the annual financial statements based on our audit.

An audit of compliance with other statutory regulations is part of our engagement only to the extent that those regulations typically have an effect on the annual financial statements or to the extent that non-compliance may have an effect on the annual financial statements.

In addition, an audit is not intended to determine whether the Association is compliant with all regulations of, for example, tax law, social security and employment law, competition and price regulations, the law of foreign transactions, consumer protection regulations or environmental regulations or similar matters.

It is not the nature of an audit to detect and investigate criminal acts (e. g. embezzlement, fraud, collusion) and administrative offences occurring beyond the scope of the financial accounting.

We have not examined the extent and appropriateness of insurance coverage.

Nature and Scope of the Audit

We conducted our audit of the annual financial statements in accordance with §§ 316 *et seq.* HGB as well as in observance of the Principles of Performing Audits of Financial Statements of the Institut der Wirtschaftsprüfer in Deutschland e. V. (IDW). Therein, an audit has to be planned and performed such that material misstatements affecting the bookkeeping and annual financial statements are to be detected with reasonable assurance.

The evidence supporting the disclosures in the accounting and annual financial statements is to be examined on a test basis. The audit includes assessing the accounting, measurement and classification principles used and significant estimates made by management, as well as evaluating the overall presentation of the annual financial statements. We believe that our audit provides a reasonable basis for our opinion.

We conducted our audit in January 2011 in the offices of the Konrad-Zuse-Zentrum für Informationstechnik Berlin (ZIB). The audit report was prepared in our office.

Our audit commenced with our independent auditor's report dated 1 February 2010 for the year ended 31 December 2009. The Statutes do not provide for an adoption of the annual financial statements. Instead, on the basis of every fourth annual financial statements (most recently on 31 December 2009), the preparation of a budget for the following four-year-period is anticipated. The budget for the period from 1 January 2011 to 31 December 2014 was approved by the 16th General Assembly in Bangalore/India on 16 and 17 August 2010.

We received information from:

- Prof. Dr. Dr. h. c. mult. Martin Grötschel Secretary of the IMU
- Ms. Sylwia Markwardt Assistant to the Secretary of the IMU

Management provided us with the information and documentation we requested and issued a standard letter of representation.



The audit had no particular focus because of the limited size of the Association. We audited the complete and timely recording of business transactions on a test basis and were convinced of the implementation of the four-eye-principle as the main instrument of the internal control system.

Our audit included events of particular importance occurring after the end of the reporting year as well as whether the annual financial statements as a whole provide an accurate view of the net assets, financial position and results of operations of the Association.

C. Statements and Notes on Accounting

1. Proper Accounting

1.1. Bookkeeping and Other Audited Documents

Financial bookkeeping is performed using Microsoft Excel software. Wage and salary accounting was not necessary because the Association had no personnel in 2010. In 2011 the legal domicile shall be transferred to the Weierstraß-Institut which makes use of its own personnel.

Records are properly kept and, together with the books and other documents, allow for a proper audit. In accordance with our findings, which are based on sampling, the bookkeeping corresponds to statutory and regulatory requirements.

1.2. Annual Financial Statements

Preparation of the Annual Financial Statements

The enclosed annual financial statements were prepared in accordance with the regulations of the Third Book of the HGB (§§ 238 *et seq.*) under observance of the supplementary regulations for corporations in the Second Section (§§ 264 *et seq.*).

The annual financial statements commence with the prior year's financial statements and are based on proper bookkeeping. In accordance with the written statement issued by management, the annual financial statements include all required assets, liabilities and risks.

Accounting and Measurement

Proper documentation of assets and liabilities is maintained. Assets and liabilities have been reported and measured in compliance with statutory regulations and principles of proper bookkeeping.

Classification

The classifications used in the statement of assets and liabilities and statement of income and expenditure correspond to regulations under §§ 265 to 277 HGB.

The statement of income and expenditure is prepared in accordance with the total cost (nature of expense) method (§ 275 (2) HGB). Classifications were modified to conform to the requirements of the IMU.

Notes to the Annual Financial Statements

The Association does not have a legal obligation to prepare notes to the annual financial statements. Accordingly, the IMU has permissibly waived the preparation of notes.

Contingencies, Off-balance Sheet Transactions and Other Financial Obligations

As per the information provided to us and our own findings, contingencies requiring disclosure within the meaning of § 251 HGB, off-balance sheet transactions within the meaning of § 285 No. 3 HGB and other financial obligations within the meaning of § 285 No. 3a HGB did not exist on the balance sheet date.

1.3. Management Report

The Association does not have a legal obligation to prepare a management report. Accordingly, the IMU has permissibly waived the preparation of a management report.



The IMU provides its members with an annual accounting of its activities in the Bulletin of the International Mathematical Union. The current Bulletin number 58 dated December 2009 was published in July 2010 and a printed version was provided to members. It is also available as an electronic document (<http://www.mathunion.org/publications/bulletins/archive/>).

The Bulletin provides, in particular, a description of IMU activities for the promotion of mathematics in the world and the proper use of member contributions and donations.

According to management information and the results of our audit, no events of particular importance occurred after the conclusion of the financial year.

2. Overall Assertions of the Annual Financial Statements

2.1. Our Opinion on the Overall Assertions of the Annual Financial Statements

According to the results of our audit, the annual financial statements give a true and fair view of the net assets, financial position and results of operations of the Association in accordance with German principles of proper accounting.

As per § 321 (2) sent. 4 HGB, the auditor is required to include statements in his audit report on significant measurement principles as well as the extent to which changes in measurement principles, including the exercise of accounting and measurement elective options and use of discretion, influence the presentation of the net assets, financial position and result of operations as a whole.

The influence of material measurement principles and changes thereto in the presentation of the net assets, financial position and results of operations are explained in section 2.2.

General explanations of the net assets, financial position and results of operations are provided in sections D.1. - D.3.

2.2. Significant Measurement Principles

The exercise of accounting and measurement elective options and the use of discretion do not indicate any tendency to improve or worsen the result or in any way influence the total disclosures of the annual financial statements.

Foreign currency receivables and payables are recorded in the bookkeeping in Euro at the exchange rate valid on the date of their accrual. Measurement on the balance sheet date is at the exchange rate valid on that date, as necessary.

D. Other Classifications and Explanations to the Annual Financial Statements

1. Net Assets

In order to evaluate the net assets and changes thereto, the balance sheets of the last two financial years are shown in condensed form:

<u>ASSETS</u>	<u>2010</u>		<u>2009</u>		<u>Change</u>
	k€	%	k€	%	k€
<u>Current Assets</u>					
Receivables from member contributions	25	3.6	42	7.0	-17
Cash	666	95.8	555	93.0	111
Other receivables (including prepaid expenses)	<u>4</u>	0.6	<u>0</u>	0.0	<u>4</u>
	<u>695</u>	100.0	<u>597</u>	100.0	<u>98</u>
 <u>LIABILITIES</u>					
	k€	%	k€	%	k€
Net assets (own funds)	<u>628</u>	90.4	<u>500</u>	83.8	<u>128</u>
<u>Current Liabilities</u>					
Provisions	54	7.8	18	3.0	36
Liabilities from restricted donations	10	1.4	75	12.6	-65
Other liabilities (including deferred income)	<u>3</u>	0.4	<u>4</u>	0.7	<u>-1</u>
	<u>67</u>	9.6	<u>97</u>	16.3	<u>-30</u>
	<u>695</u>	100.0	<u>597</u>	100.0	<u>98</u>



Receivables from member contributions are as follows:

Country	Year	Amount	
		€	CHF
Argentina	2010	2,161.65	3,210.00
Cameroon	2010	1,080.82	1,605.00
Cuba	2010	1,080.82	1,605.00
Hungary	2010	4,323.29	6,420.00
India	2010	8,646.58	12,840.00
Mexico	2010	2,161.65	3,210.00
Montenegro	2010	414.04	535.00
Nigeria	2010	1,080.82	1,605.00
Peru	2010	1,080.82	1,605.00
Uruguay	2010	1,080.82	1,605.00
		<u>23,111.31</u>	<u>34,240.00</u>
Kazakhstan	2009	1,025.83	1,528.00
Peru	2008	477.43	717.00
Kazakhstan	2007	<u>861.57</u>	<u>1,386.00</u>
		<u>2,364.83</u>	<u>3,631.00</u>
		<u>25,476.14</u>	<u>37,871.00</u>

At the end of 2010, outstanding member contributions were k€ 25 (kCHF 38) and at the time of the audit they remained fully outstanding. In prior years impairments of 50 % (k€ 2) were made on the receivables of Georgia because it has not paid its member contributions between 2005 and 2008. The impairments were reversed as a result of payments.

Cash, part of which is in foreign currency, is located in accounts with the Berliner Bank AG and is composed of the following:

	Foreign currency	€
Account in € (5113915 10)		303,427.83
Account in CHF (5113915 01)	CHF 398,934.43	319,967.00
Account in USD (5113915 00)	USD 3,375.62	2,547.06
Account in € - Ito Fund (5113915 01)		10,428.07
Account in € (5113915 00)		26,277.99
Cash in €		<u>3,018.51</u>
		<u>665,666.46</u>

The conversion of foreign currency into Euro occurs at the period-end exchange rate.

Net assets (own funds) are composed of the following:

	€
Per 1.1.2010	499,543.49
Annual surplus 2010	<u>128,419.06</u>
Per 31.12.2010	<u>627,962.55</u> =====

A total of € 307,465.98 of net assets of the IMU was accumulated prior to the transfer of the IMU legal domicile to Germany as of 1 January 2007.

Liabilities from restricted donations developed as follows:

	€	€
<u>Special Development Fund</u>		
Per 1.1.2010		57,838.50
Contribution		
– Mathematical Society of Japan (MSJ)	17,607.19	
– American Mathematical Society (AMS)	14,388.58	
– London Mathematical Society (LMS)	<u>4,073.65</u>	36,069.42
Usage		
– Travel expense assistance to ICM 2010 in Hyderabad/India		<u>-93,907.92</u>
Per 31.12.2010		<u>0,00</u> -----
<u>Ito Fund</u>		
Per 1.1.2010		10,386.28
Contribution interest revenue 2010 less account fees		
		<u>41.79</u>
Per 31.12.2010		<u>10,428.07</u> =====
<u>Templeton Fund</u>		
Per 1.1.2010		6,973.02
Usage		
– Withdrawal for expense compensation to CDC for project work and reporting		<u>-6,973.02</u>
Per 31.12.2010		<u>0.00</u> =====
		<u>10,428.07</u> =====



The funds shown under Special Development Fund are for the support of mathematicians from developing countries for travel to International Congresses of Mathematicians (ICM). An international committee decides on the grant applications. The last congress took place in Hyderabad/India in August 2010; the cash of the SDF was fully expended for this congress. The next congress shall take place in Seoul/Korea in 2014.

The funds shown under Templeton Fund were granted to the IMU by the John Templeton Foundation in a Grant Agreement dated 30 June 2008 and are for the support of the DCSG Project "Mathematics in Africa: Challenges and Opportunities". These funds were fully consumed by the end of the financial year.

2. Financial Position

The IMU was in a position to meet its payment obligations in a full and timely manner. The cash flow from current activities amounts to k€ 111 and corresponds to the change in the amount of cash between 1 January 2010 (k€ 555) and 31 December 2010 (k€ 666).

3. Results of Operations

The summarized statements of income and expenditure show the following structure for the reporting year:

	<u>2 0 1 0</u>		<u>2 0 0 9</u>		<u>Change</u>
	k€	%	k€	%	k€
<u>Revenue</u>	455	100.0	339	100.0	116
Administrative expenses	-105	-23.1	-128	-37.8	23
Expenditures for scientific activities	<u>-225</u>	-49.5	<u>-199</u>	-58.7	<u>-26</u>
Other expenditures	<u>-330</u>	-72.5	<u>-327</u>	-96.5	<u>-3</u>
Operating result	125	27.5	12	3.5	113
Interest	<u>3</u>	0.7	<u>5</u>	1.5	<u>-2</u>
<u>Result before taxes on income</u>	128	28.1	17	5.0	111
Taxes on income	<u>0</u>	0.0	<u>0</u>	0.0	<u>0</u>
<u>Annual surplus</u>	<u>128</u>	28.1	<u>17</u>	5.0	<u>111</u>

The IMU had revenue of k€ 455 in the reporting year, consisting largely of member contributions. In addition, the IMU received donations from scientific organizations.

Revenue is composed of the following:

	€
Member contributions	290,991.90
Third-party donations	88,218.79
Other revenue	<u>75,535.57</u>
	<u>454,746.26</u>

The composition of member contributions is shown in Annex 3 to this report.

Third-party donations from scientific organizations are composed of the following:

	€
– International	
Niels Henrik Abel Memorial Fund, Norway (thereof k€ 11,3 [k\$ 15] for awarding the Ramanujan Prize)	43,116.72
MSJ, AMS, LMS (see explanation to statement of assets and liabilities item “liabilities from restricted donations”)	36,069.42
– national	
Deutsche Forschungsgemeinschaft (DFG)	<u>9,032.65</u>
	<u>88,218.79</u>

Other income (k€ 76) largely involves exchange rate gains (k€ 61) and income (k€ 7) from the use of cash from the Templeton Fund (see explanation to the statement of assets and liabilities item “liabilities from restricted donations”).

Other expenditures of approximately k€ 330 (prior year: k€ 327) are shown in detail in the statement of income and expenditure (Annex 2).

Interest represents the interest paid on the bank balance by the Berliner Bank AG.



E. Reproduction of the Independent Auditor's Report and Concluding Statement

We have issued the following unqualified opinion dated 28 January 2011 for the annual financial statements as of 31 December 2010 of the International Mathematical Union, Berlin. The annual financial statements are enclosed in this report under Annexes 1 to 2.

"Independent Auditor's Report

To the International Mathematical Union, Berlin

We have audited the annual financial statements, together with the bookkeeping system of the International Mathematical Union for the reporting year from 1 January 2010 to 31 December 2010. The maintenance of the books and the preparation of the annual financial statements in accordance with the German Commercial Code (HGB) are the responsibility of the Association's management. Our responsibility is to express an opinion on the annual financial statements, together with the bookkeeping system, based on our audit.

We performed our audit of the annual financial statements in accordance with § 317 HGB and general accepted standards for the audit of financial statements promulgated by the Institut der Wirtschaftsprüfer (IDW). Those standards require that we plan and perform the audit such that misstatements materially affecting the presentation of the net assets, financial position and results of operations in the annual financial statements in accordance with German principles of proper accounting are detected with reasonable assurance. Knowledge of the business activities and the economic and legal environment of the Association as well as expectations of possible misstatements are taken into account in determination of audit procedures. The effectiveness of the internal control system and the evidence supporting the disclosures in the books and records and in the annual financial statements are examined primarily on a test basis.

The audit includes assessing the accounting principles used and significant estimates made by management as well as evaluating the overall presentation of the annual financial statements. We believe that our audit provides a reasonable basis for our opinion.

Our audit has not led to any reservations.

In our opinion based on the information gathered during the audit, the annual financial statements correspond to statutory requirements as applicable to small entities and give a true and fair view of the net assets, financial position and results of operations of the Association in accordance with German principles of proper accounting.”

The above audit report is submitted in compliance with statutory provisions and Generally Accepted Standards for the Issuance of Long-form Audit Reports for the Audit of Financial Statements (IDW PS 450).

Use of the above independent auditor’s report outside of this audit report requires our prior consent. Publication or a copy of the annual financial statements in a form different from the certified form also requires our consent if our independent auditor’s report is quoted or if reference is made to our audit. We herein refer to § 328 HGB.

Berlin, 28 January 2011

RÖVERBRÖNNER GmbH & Co. KG
Wirtschaftsprüfungsgesellschaft
Steuerberatungsgesellschaft



Helmut Schuhmann
Wirtschaftsprüfer

Annexes

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Annex 2

International Mathematical Union, Berlin

STATEMENT of INCOME and EXPENDITURE for 2010

		2010	Prior Year
	€	€	€
Income		454,746.26	338,503.16
Member contributions	290,991.90		267,752.58
Donations - national	9,032.65		8,539.09
Donations - international	79,186.14		40,357.45
Other income	75,535.57		21,854.04
Other Expenditures		-329,462.54	-326,302.93
Administrative Expenses		-104,651.57	-127,727.83
Reimbursement personnel expenses	-44,699.34		-59,150.29
Travel	-27,715.57		-31,100.16
Print	-1,195.95		-2,380.00
Audit fees	-7,735.00		-10,205.00
Other activities CDE / ICMI	-13,497.96		-10,568.32
Member contributions	-6,815.00		-6,617.00
Postage	-573.59		-1,031.14
Bank fees	-839.17		-2,263.93
Other	<u>-1,579.99</u>		<u>-4,411.99</u>
Expenditures for Scientific Activities		-224,810.97	-198,575.10
Promotion of scientific activities	-85,738.25		-106,295.40
Expenditures ICM	-29,559.26		-75,152.50
Travel grants	-72,571.19		0.00
Expenditures Prize Award	-11,318.20		-10,500.00
Other	<u>-25,624.07</u>		<u>-6,627.20</u>
Interest and Similar Income		3,135.34	4,715.32
Interest and Similar Expenditures		0.00	-0.41
<u>Result of Association Activities</u>		128,419.06	16,915.14
Taxes		0.00	-156.41
<u>Annual Surplus</u>		128,419.06	16,758.73

International Mathematical Union

Annex 3

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Schedule of Member Contributions 2010

Country	Amount EUR	Amount CHF
Argentina	2,161.65	3,210.00
Armenia	1,080.82	1,605.00
Australia	4,323.29	6,420.00
Austria	2,161.65	3,210.00
Belgium	4,323.29	6,420.00
Bosnia & Herzegovina	1,080.82	1,605.00
Brazil	8,646.58	12,840.00
Bulgaria	1,080.82	1,605.00
Cameroon	1,080.82	1,605.00
Canada	12,969.90	19,260.00
Chile	2,161.65	3,210.00
CMS, Beijing	7,781.94	11,556.00
Math Society, Taipei	5,187.96	7,704.00
Colombia	1,080.82	1,605.00
Croatia	1,080.82	1,605.00
Cuba	1,080.82	1,605.00
Czech Republic	4,323.29	6,420.00
Denmark	2,161.65	3,210.00
Egypt	2,161.65	3,210.00
Estonia	1,080.82	1,605.00
Finland	4,323.29	6,420.00
France	12,969.90	19,260.00
Georgia	1,080.82	1,605.00
Germany	12,969.90	19,260.00
Greece	1,080.82	1,605.00
Hong Kong	1,080.82	1,605.00
Hungary	4,323.29	6,420.00
Iceland	1,080.82	1,605.00
India	8,646.58	12,840.00
Indonesia	1,080.82	1,605.00
Iran	4,323.29	6,420.00
Ireland	2,161.65	3,210.00
Israel	12,969.90	19,260.00
Italy	12,969.90	19,260.00
Ivory Coast	1,080.82	1,605.00
Japan	16,048.70	23,832.00
Kazakhstan	1,080.82	1,605.00
Korea, Repub of	8,646.58	12,840.00
Latvia	1,080.82	1,605.00

International Mathematical Union

Annex 3

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Schedule of Member Contributions 2010

Country	Amount EUR	Amount CHF
Lithuania	1,080.82	1,605.00
Mexico	2,161.65	3,210.00
Montenegro	414.04	535.00
Netherlands	8,646.58	12,840.00
New Zealand	1,080.82	1,605.00
Nigeria	1,080.82	1,605.00
Norway	4,323.29	6,420.00
Pakistan	1,080.82	1,605.00
Peru	1,080.82	1,605.00
Philippines	1,080.82	1,605.00
Poland	8,646.58	12,840.00
Portugal	2,161.65	3,210.00
Romania	1,080.82	1,605.00
Russia	12,969.90	19,260.00
Saudi Arabia	1,080.82	1,605.00
Serbia	1,080.82	1,605.00
Singapore	1,080.82	1,605.00
Slovakia	2,161.65	3,210.00
Slovenia	1,080.82	1,605.00
South Africa	2,161.65	3,210.00
Spain	8,646.58	12,840.00
Sweden	8,646.58	12,840.00
Switzerland	8,646.58	12,840.00
Tunisia	1,080.82	1,605.00
Turkey	1,080.82	1,605.00
Ukraine	2,161.65	3,210.00
United Kingdom	12,969.90	19,260.00
Uruguay	1,080.82	1,605.00
U.S.A.	12,969.90	19,260.00
Venezuela	1,080.82	1,605.00
Vietnam	1,080.82	1,605.00
Total	290,991.90	432,037.00

INTERNATIONAL MATHEMATICAL UNION

Annex 4

Statement of Income and Expenditure*– 2010
for the year ended December 31, 2010

	Budget 2010	Actual 2010	Budget 2010	Actual 2010
	CHF (Swiss Franc)		EUR (Euro)	
Expenses				
Schedule A:				
Secretarial help, IMU office	22,660	14,957	18,174	12,000
Secretarial help, President	5,150	8,495	4,131	6,815
Accountant	9,270	7,479	7,435	6,000
ICMI	15,450	15,446	12,392	12,392
CDE	6,180	1,379	4,957	1,106
Office expenses (including postage)	16,480	758	13,218	608
Travel expenses of the EC	30,900	19,432	24,783	15,590
President's and Secretary's expenses	4,120	3,374	3,304	2,707
Contribution to ICSU	9,785	8,495	7,848	6,815
IMU Bulletin	1,500	1,491	1,203	1,196
Audit fee	8,755	9,641	7,022	7,735
General Assembly	4,120	11,313	3,304	9,076
World Directory of Mathematicians	0	0	0	0
Contingencies	2,060	14,712	1,652	11,803
Subtotal of Schedule A	136,430	116,972	109,423	93,843
Schedule B:				
IMU non-CDE conference support	20,000	0	16,041	0
ICMI scientific activities	27,810	27,802	22,305	22,305
CDE scientific activities	115,000	72,057	92,236	57,810
CDE support staff	56,000	24,786	44,915	19,885
CEIC scientific activities	25,000	7,009	20,051	5,623
Website support	6,253	3,739	5,015	3,000
ICM Site Committee	2,000	111	1,604	89
Program Committee for ICM	8,240	0	6,609	0
Subvention to ICM	28,840	25,420	23,131	20,394
Prize Committees (subvention)	11,100	14,081	8,903	11,297
Awards	0	14,107	0	11,318
Travel grants (young & senior)	61,000	90,456	48,925	72,571
Media Relations	3,500	14,119	2,807	11,327
Subtotal of Schedule B	364,743	293,687	292,542	235,619
Total Expenses (A & B)	501,173	410,659	401,965	329,462
Income				
Membership dues	390,015	362,707	312,812	290,992
ICSU Grant	0	0	0	0
Special Development Fund	32,000	44,958	25,666	36,069
Interest on bank accounts	16,000	3,908	12,833	3,135
Donations	59,220	53,743	47,497	43,117
Other income	0	105,410	0	84,568
Draw from Reserves	3,938	0	3,158	0
Return to Reserves	0	0	0	0
Total Income	501,173	570,726	401,965	457,881
Income less Expenses	0	160,067	0	128,419

Transition to P&L Statement:	Transfer to liabilities from donations not yet spent	0
	Excess of income over expenditure	128,419

Actual Euro Income and Expenses converted to Swiss Franc, using the December 31, 2010 rate of 1 Euro = 1.24645 Swiss Franc

*Based on the corrected version of the Budget for 2007-2010, published in IMU Bulletin No. 55, 2007

Legal and Tax Position

1. Legal Position

Association, Legal Domicile

International Mathematical Union, Berlin/Germany

The IMU is an international association. According to German law, the IMU is an "ideal" association (§ 21 German Civil Code (BGB)) since it pursues ideal purposes rather than financial purposes. The Association does not have legal capacity in Germany because it is not registered with the German Register of Associations.

The legal domicile of the IMU was located in Princeton/USA, until 31 December 2006. According to article 29 of the IMU Statutes, the legal domicile of the Union shall be located at the offices of the Secretary.

The permanent Secretariat shall be located in Berlin/Germany as of 1 January 2011.

Place of Management

C/o Konrad-Zuse-Zentrum (ZIB), Takustrasse 7, 14195 Berlin/Germany (until 31 December 2010)

Markgrafenstrasse 32, 10117 Berlin/Germany (since 1 January 2011)

Bookkeeping and monetary transactions of the IMU were performed by the Konrad-Zuse-Zentrum within the scope of the support activities.

Statutes

The Statutes were amended on 16 and 17 August 2010 in Bangalore/India by the 16th General Assembly. The amendments were with regard to article 28 (Treasurer) and article 29 (Legal Domicile). A certified German translation was not available at the time of the audit.

Objectives of the Association

According to article 1 of the Statutes, the objectives are:

- “(a) to promote international cooperation in mathematics;
- (b) to support and assist the International Congress of Mathematicians and other international scientific meetings or conferences;
- (c) to encourage and support other international mathematical activities considered likely to contribute to the development of mathematical science in any of its aspects, pure, applied, or educational.”

Association Capital, Members

The Statutes make no provision for association capital. Association capital amounted to approximately k€ 307 on 1 January 2007, the time when the legal domicile was transferred from Princeton/USA to Berlin/Germany.

According to article 3, a country adheres to the Association through an adhering organization. This may be the principal academy, a mathematical society, its research council or some other institution or association of institutions, or an appropriate agency of its government. At the end of 2010, the IMU had 69 regular members (voting), 8 associate members (non-voting) and 4 affiliate members (non-contributory).

Executive Committee

Since January 2011, the Executive Committee consists of the following persons:

- Ms. Ingrid Daubechies, USA (President)
- Mr. Martin Grötschel, Germany (Secretary and Treasurer)
- Ms. Christiane Rousseau, Canada (Vice-President)
- Mr. Marcelo Viana, Brazil (Vice-President)
- Mr. Manuel de León, Spain (Member-at-Large)

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- Mr. Yiming Long, China (Member-at-Large)
- Ms. Cheryl E. Praeger, Australia (Member-at-Large)
- Mr. Vasudevan Srinivas, India (Member-at-Large)
- Mr. John Francis Toland, Great Britain (Member-at-Large)
- Mr. Wendelin Werner, France (Member-at-Large)
- Mr. László Lovász, Hungary (Ex-officio, because he is the former President of the IMU)

Ordinary business is performed by the Secretary and his assistant in Germany.

Reporting Year

The reporting year corresponds to the calendar year.

Reports to members are made annually by dispatching the Bulletin of the IMU as well as through publication on the IMU homepage www.mathunion.org. The next General Assembly of all members will take place in 2014.

General Assembly

The General Assembly resolved the following in August 2010:

- Appointments to various committees and commissions
- Budget for the time between 2011 and 2014
- Amendments to the IMU Statutes (see "Statutes")
- Increase in member contributions
- The next General Assembly will take place in 2014 in Gyeongju/Republic of Korea.

2. Tax Information

The Association is registered with the Finanzamt für Körperschaften I, Berlin, under the tax number 27/640/57572.

At the time of the audit, there were no tax notices available for the Association, which has had its legal domicile in Germany since 2007.

The Association is non-profit. After common inquiries on 16 April 2007 at the Finanzamt für Körperschaften I, Berlin, the formal requirements for the recognition as a non-profit organization were fulfilled. The final certification of the non-profit status will be made after actual fulfillment of the requirements.

The Finanzamt für Körperschaften I, Berlin, issued a preliminary certification on 4 May 2007. This was done upon the instruction of the Senatsverwaltung für Finanzen, Berlin.

On 9 June 2009 it issued a notice of exemption for 2007 and 2008 in which the current income of the IMU is exempt from corporate and trade tax. In addition, revenue from capital of the IMU is not subject to withholding tax on capital up to 31 December 2011. The IMU is entitled to issue donation confirmations within this time period.

[Translator's notes are in square brackets]

General Engagement Terms
for
Wirtschaftsprüfer and Wirtschaftsprüfungsgesellschaften
[German Public Auditors and Public Audit Firms]
as of January 1, 2002

This is an English translation of the German text, which is the sole authoritative version

1. Scope

- (1) These engagement terms are applicable to contracts between Wirtschaftsprüfer [German Public Auditors] or Wirtschaftsprüfungsgesellschaften [German Public Audit Firms] (hereinafter collectively referred to as the "Wirtschaftsprüfer") and their clients for audits, consulting and other engagements to the extent that something else has not been expressly agreed to in writing or is not compulsory due to legal requirements.
- (2) If, in an individual case, as an exception contractual relations have also been established between the Wirtschaftsprüfer and persons other than the client, the provisions of No. 9 below also apply to such third parties.

2. Scope and performance of the engagement

- (1) Subject of the Wirtschaftsprüfer's engagement is the performance of agreed services – not a particular economic result. The engagement is performed in accordance with the Grundsätze ordnungsmäßiger Berufsausübung [Standards of Proper Professional Conduct]. The Wirtschaftsprüfer is entitled to use qualified persons to conduct the engagement.
- (2) The application of foreign law requires – except for financial attestation engagements – an express written agreement.
- (3) The engagement does not extend – to the extent it is not directed thereto – to an examination of the issue of whether the requirements of tax law or special regulations, such as, for example, laws on price controls, laws limiting competition and Bewirtschaftungsrecht [laws controlling certain aspects of specific business operations] were observed; the same applies to the determination as to whether subsidies, allowances or other benefits may be claimed. The performance of an engagement encompasses auditing procedures aimed at the detection of the defalcation of books and records and other irregularities only if during the conduct of audits grounds therefor arise or if this has been expressly agreed to in writing.
- (4) If the legal position changes subsequent to the issuance of the final professional statement, the Wirtschaftsprüfer is not obliged to inform the client of changes or any consequences resulting therefrom.

3. The client's duty to inform

- (1) The client must ensure that the Wirtschaftsprüfer – even without his special request – is provided, on a timely basis, with all supporting documents and records required for and is informed of all events and circumstances which may be significant to the performance of the engagement. This also applies to those supporting documents and records, events and circumstances which first become known during the Wirtschaftsprüfer's work.
- (2) Upon the Wirtschaftsprüfer's request, the client must confirm in a written statement drafted by the Wirtschaftsprüfer that the supporting documents and records and the information and explanations provided are complete.

4. Ensuring independence

The client guarantees to refrain from everything which may endanger the independence of the Wirtschaftsprüfer's staff. This particularly applies to offers of employment and offers to undertake engagements on one's own account.

5. Reporting and verbal information

If the Wirtschaftsprüfer is required to present the results of his work in writing, only that written presentation is authoritative. For audit engagements the long-form report should be submitted in writing to the extent that nothing else has been agreed to. Verbal statements and information provided by the Wirtschaftsprüfer's staff beyond the engagement agreed to are never binding.

6. Protection of the Wirtschaftsprüfer's intellectual property

The client guarantees that expert opinions, organizational charts, drafts, sketches, schedules and calculations – especially quantity and cost computations – prepared by the Wirtschaftsprüfer within the scope of the engagement will be used only for his own purposes.

7. Transmission of the Wirtschaftsprüfer's professional statement

- (1) The transmission of a Wirtschaftsprüfer's professional statements (long-form reports, expert opinions and the like) to a third party requires the Wirtschaftsprüfer's written consent to the extent that the permission to transmit to a certain third party does not result from the engagement terms. The Wirtschaftsprüfer is liable (within the limits of No. 9) towards third parties only if the prerequisites of the first sentence are given.
- (2) The use of the Wirtschaftsprüfer's professional statements for promotional purposes is not permitted; an infringement entitles the Wirtschaftsprüfer to immediately cancel all engagements not yet conducted for the client.

8. Correction of deficiencies

- (1) Where there are deficiencies, the client is entitled to subsequent fulfillment [of the contract]. The client may demand a reduction in fees or the cancellation of the contract only for the failure to subsequently fulfill [the contract]; if the engagement was awarded by a person carrying on a commercial business as part of that commercial business, a government-owned legal person under public law or a special government-owned fund under public law, the client may demand the cancellation of the contract only if the services rendered are of no interest to him due to the failure to subsequently fulfill [the contract]. No. 9 applies to the extent that claims for damages exist beyond this.
- (2) The client must assert his claim for the correction of deficiencies in writing without delay. Claims pursuant to the first paragraph not arising from an intentional tort cease to be enforceable one year after the commencement of the statutory time limit for enforcement.
- (3) Obvious deficiencies, such as typing and arithmetical errors and formelle Mängel [deficiencies associated with technicalities] contained in a Wirtschaftsprüfer's professional statements (long-form reports, expert opinions and the like) may be corrected – and also be applicable versus third parties – by the Wirtschaftsprüfer at any time. Errors which may call into question the conclusions contained in the Wirtschaftsprüfer's professional statements entitle the Wirtschaftsprüfer to withdraw – also versus third parties – such statements. In the cases noted the Wirtschaftsprüfer should first hear the client, if possible.

9. Liability

(1) *The liability limitation of § [Article] 323 (2) [paragraph 2] HGB [Handelsgesetzbuch: German Commercial Code] applies to statutory audits required by law.*

(2) *Liability for negligence; An individual case of damages*

If neither No. 1 is applicable nor a regulation exists in an individual case, pursuant to § 54a (1) no. 2 WPO ["Wirtschaftsprüferordnung": Law regulating the Profession of Wirtschaftsprüfer] the liability of the Wirtschaftsprüfer for claims of compensatory damages of any kind – except for damages resulting from injury to life, body or health – for an individual case of damages resulting from negligence is limited to € 4 million; this also applies if liability to a person other than the client should be established. An individual case of damages also exists in relation to a uniform damage arising from a number of breaches of duty. The individual case of damages encompasses all consequences from a breach of duty without taking into account whether the damages occurred in one year or in a number of successive years. In this case multiple acts or omissions of acts based on a similar source of error or on a source of error of an equivalent nature are deemed to be a uniform breach of duty if the matters in question are legally or economically connected to one another. In this event the claim against the Wirtschaftsprüfer is limited to € 5 million. The limitation to the fivefold of the minimum amount insured does not apply to compulsory audits required by law.

(3) *Preclusive deadlines*

A compensatory damages claim may only be lodged within a preclusive deadline of one year of the rightful claimant having become aware of the damage and of the event giving rise to the claim – at the very latest, however, within 5 years subsequent to the event giving rise to the claim. The claim expires if legal action is not taken within a six month deadline subsequent to the written refusal of acceptance of the indemnity and the client was informed of this consequence.

The right to assert the bar of the preclusive deadline remains unaffected. Sentences 1 to 3 also apply to legally required audits with statutory liability limits.

10. Supplementary provisions for audit engagements

- (1) A subsequent amendment or abridgement of the financial statements or management report audited by a Wirtschaftsprüfer and accompanied by an auditor's report requires the written consent of the Wirtschaftsprüfer even if these documents are not published. If the Wirtschaftsprüfer has not issued an auditor's report, a reference to the audit conducted by the Wirtschaftsprüfer in the management report or elsewhere specified for the general public is permitted only with the Wirtschaftsprüfer's written consent and using the wording authorized by him.
- (2) If the Wirtschaftsprüfer revokes the auditor's report, it may no longer be used. If the client has already made use of the auditor's report, he must announce its revocation upon the Wirtschaftsprüfer's request.
- (3) The client has a right to 5 copies of the long-form report. Additional copies will be charged for separately.

11. Supplementary provisions for assistance with tax matters

- (1) When advising on an individual tax issue as well as when furnishing continuous tax advice, the Wirtschaftsprüfer is entitled to assume that the facts provided by the client – especially numerical disclosures – are correct and complete; this also applies to bookkeeping engagements. Nevertheless, he is obliged to inform the client of any errors he has discovered.
 - (2) The tax consulting engagement does not encompass procedures required to meet deadlines, unless the Wirtschaftsprüfer has explicitly accepted the engagement for this. In this event the client must provide the Wirtschaftsprüfer, on a timely basis, all supporting documents and records – especially tax assessments – material to meeting the deadlines, so that the Wirtschaftsprüfer has an appropriate time period available to work therewith.
 - (3) In the absence of other written agreements, continuous tax advice encompasses the following work during the contract period:
 - a) preparation of annual tax returns for income tax, corporation tax and business tax, as well as net worth tax returns on the basis of the annual financial statements and other schedules and evidence required for tax purposes to be submitted by the client
 - b) examination of tax assessments in relation to the taxes mentioned in (a)
 - c) negotiations with tax authorities in connection with the returns and assessments mentioned in (a) and (b)
 - d) participation in tax audits and evaluation of the results of tax audits with respect to the taxes mentioned in (a)
 - e) participation in Einspruchs- und Beschwerdeverfahren [appeals and complaint procedures] with respect to the taxes mentioned in (a).
- In the afore-mentioned work the Wirtschaftsprüfer takes material published legal decisions and administrative interpretations into account.
- (4) If the Wirtschaftsprüfer receives a fixed fee for continuous tax advice, in the absence of other written agreements the work mentioned under Paragraph 3 (d) and (e) will be charged separately.
 - (5) Services with respect to special individual issues for income tax, corporate tax, business tax, valuation procedures for property and net worth taxation, and net worth tax as well as all issues in relation to sales tax, wages tax, other taxes and dues require a special engagement. This also applies to:
 - a) the treatment of nonrecurring tax matters, e. g. in the field of estate tax, capital transactions tax, real estate acquisition tax
 - b) participation and representation in proceedings before tax and administrative courts and in criminal proceedings with respect to taxes, and
 - c) the granting of advice and work with respect to expert opinions in connection with conversions of legal form, mergers, capital increases and reductions, financial reorganizations, admission and retirement of partners or shareholders, sale of a business, liquidations and the like.

- (6) To the extent that the annual sales tax return is accepted as additional work, this does not include the review of any special accounting prerequisites nor of the issue as to whether all potential legal sales tax reductions have been claimed. No guarantee is assumed for the completeness of the supporting documents and records to validate the deduction of the input tax credit.

12. Confidentiality towards third parties and data security

- (1) Pursuant to the law the Wirtschaftsprüfer is obliged to treat all facts that he comes to know in connection with his work as confidential, irrespective of whether these concern the client himself or his business associations, unless the client releases him from this obligation.
- (2) The Wirtschaftsprüfer may only release long-form reports, expert opinions and other written statements on the results of his work to third parties with the consent of his client.
- (3) The Wirtschaftsprüfer is entitled - within the purposes stipulated by the client - to process personal data entrusted to him or allow them to be processed by third parties.

13. Default of acceptance and lack of cooperation on the part of the client

If the client defaults in accepting the services offered by the Wirtschaftsprüfer or if the client does not provide the assistance incumbent on him pursuant to No. 3 or otherwise, the Wirtschaftsprüfer is entitled to cancel the contract immediately. The Wirtschaftsprüfer's right to compensation for additional expenses as well as for damages caused by the default or the lack of assistance is not affected, even if the Wirtschaftsprüfer does not exercise his right to cancel.

14. Remuneration

- (1) In addition to his claims for fees or remuneration, the Wirtschaftsprüfer is entitled to reimbursement of his outlays: sales tax will be billed separately. He may claim appropriate advances for remuneration and reimbursement of outlays and make the rendering of his services dependent upon the complete satisfaction of his claims. Multiple clients awarding engagements are jointly and severally liable.
- (2) Any set off against the Wirtschaftsprüfer's claims for remuneration and reimbursement of outlays is permitted only for undisputed claims or claims determined to be legally valid.

15. Retention and return of supporting documentation and records

- (1) The Wirtschaftsprüfer retains, for ten years, the supporting documents and records in connection with the completion of the engagement - that had been provided to him and that he has prepared himself - as well as the correspondence with respect to the engagement.
- (2) After the settlement of his claims arising from the engagement, the Wirtschaftsprüfer, upon the request of the client, must return all supporting documents and records obtained from him or for him by reason of his work on the engagement. This does not, however, apply to correspondence exchanged between the Wirtschaftsprüfer and his client and to any documents of which the client already has the original or a copy. The Wirtschaftsprüfer may prepare and retain copies or photocopies of supporting documents and records which he returns to the client.

16. Applicable law

Only German law applies to the engagement, its conduct and any claims arising therefrom.

12. Special Development Fund

Contributions to the IMU Special Development Fund 2010

Mathematical Society of Japan	EUR 17,607.19
American Mathematical Society	EUR 14,388.58
London Mathematical Society	EUR 4,073.65
<i>Total</i>	<i>EUR 36,069.42</i>

13. The IMU at its permanent home

As of January 2011, the secretariat of the International Mathematical Union is permanently based in Berlin, Germany. For the first time in its almost 100-year history, IMU has a permanent secretariat. In the past, IMU conducted its business at the institution of the IMU Secretary which usually also served as the legal domicile of IMU. At the General Assembly 2010 in Bangalore, India, the Weierstrass Institute in Berlin, Germany (WIAS) was elected as the host institution of the permanent secretariat. The operation of the secretariat is supported by grants from the German Federal Ministry of Education and Research (BMBF) and the State of Berlin.

Under the supervision of the IMU Executive Committee, the Secretariat runs IMU's day-to-day business and provides support for many IMU operations, including administrative assistance for the International Commission on Mathematical Instruction (ICMI) and the Commission for Developing Countries (CDC). The new secretariat also hosts the IMU archive.

Staff members

Alexander Mielke: Head of the Secretariat and IMU Treasurer,
E-mail: treasurer@mathunion.org

Sylwia Markwardt: Manager of the Secretariat, E-mail: manager@mathunion.org

Lena Koch: ICMI/CDC Administrator, E-mail: icmi.cdc.administrator@mathunion.org

Anita Orłowsky: IMU Accountant, E-mail: accountant@mathunion.org

Birgit Seeliger: IMU Archivist, E-mail: archive@mathunion.org

Holger Kalweit: IT and Technical Support, E-mail: technician@mathunion.org

IMU Secretary:
Martin Grötschel, E-mail: secretary@mathunion.org

The Secretary is responsible for conducting the ordinary business of the Union and for keeping its records.

Address of the IMU secretariat:

International Mathematical Union
Secretariat
Markgrafenstr. 32
10117 Berlin, Germany
Email: office@mathunion.org

14. IMU Bank accounts

International Mathematical Union, Markgrafenstr. 32, D-10117 Berlin, Germany

Berliner Bank
Niederlassung der Deutsche Bank Privat- und Geschäftskunden AG
Hardenbergstr. 32, D-10623 Berlin, Germany

BIC (SWIFT) code: DEUTDEDB110

<u>CHF transfer</u> to account No.:	<u>EUR transfer</u> to account No.:	<u>USD transfer</u> to account No.:
IBAN code:	IBAN code:	IBAN code:
DE58100708480511391501	DE85100708480511391500	DE85100708480511391500

15. Impressum

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