

**Bulletins of the
International
Mathematical Union**



Bulletin of the IMU, No. 44 (1998)

Bulletin of the International Mathematical Union

Bulletins of the International Mathematical Union, No. 44, 11 pp. (1998)

Copyright: © 1998 International Mathematical Union

License: CC BY 4.0

DOI: [The DOI will be assigned later]

IMU Bulletin no. 44

Table of Contents

- [Executive Committee](#)
 - [Members Of The International Mathematical Union](#)
 - [Meeting of the Executive Committee of IMU](#)
 - [ICM - 2006](#)
 - [Bid for ICM 2006](#)
 - [IMU approved budget for the years 1999 - 2002](#)
 - [Report for 1998 of the International Mathematical Union](#)
-

Executive Committee

January 1, 1999 - December 31, 2002

President: Professor Jacob Palis
Vice-Presidents: Professor Shigefumi Mori
Professor Simon Donaldson
Secretary: Professor Phillip Griffiths
Members: Professor Vladimir Arnold
Professor Jean Michel Bismut
Professor Björn Engquist
Professor Martin Groetschel
Professor M.S. Raghunathan
Past President: Professor David Mumford

Members Of The International Mathematical Union - IMU

The following countries were members of IMU as of January 1,1999:

- I. Armenia, Bulgaria, Cameroon, Croatia, Cuba, Egypt, Greece, Hong Kong, Iceland, Ivory Coast, Kazakhstan, Democratic Republic of Korea, Latvia, Lithuania, New Zealand, Nigeria, Philippines, Portugal, Romania, Saudi Arabia, Singapore, Slovenia, Tunis, Turkey, Uruguay, Vietnam, Venezuela.
- II. Argentina, Austria, Chile, Czech Republic, Denmark, Finland, Georgia, Iran, Ireland, Mexico, Republic of Korea, Norway, Slovak Republic, South Africa, Ukraine, Yugoslavia.
- III. Australia, Belgium, Brazil, Hungary, India, Netherlands, Poland, Spain
- IV. Sweden, Switzerland.

GUIDELINES FOR A COUNTRY THAT WISH TO BECOME A MEMBER OF IMU

A country interested in becoming a member of the International Mathematical Union, shall send to the Secretary of IMU, a sample of activities in mathematics, specially concerning research, as well as a sample of research papers published in international journals by the local mathematicians in the last 10 years or so. The Secretary of IMU shall then present the case to the Executive Committee, and, upon a recommendation of this board, the final decision depends on a majority vote of the members at a General Assembly or through a Postal Ballot.

Meeting of the Executive Committee of IMU

The Executive Committee of IMU met twice in 1998:

- On April 1-3, 1998, Rome, Italy
 - On August 14, 1998, Dresden, Germany
-

ICM - 2006

Following the recommendation of the 1990 General Assembly in Kobe, Japan, the Executive Committee has approved the following guidelines for the operation of the Site Committee for ICM-2006.

1. The Site Committee will consist of the members of the Executive Committee and Prof. K.C. Chang of the Organizing Committee of the ICM-2002.
2. All Adhering Organizations are now formally invited to place bids to hold ICM-2006. To be considered by the Site Committee, these bids must be received by the Secretary of IMU by November 30, 2000. The Site Committee will then make its recommendation by May 31, 2001. The recommendation of the Site Committee will immediately afterwards be communicated to all Adhering Organizations.
3. The final decision will be taken by the General Assembly to be held at the middle of August, 2002, just prior to the ICM-2002 in Beijing. The General Assembly is free to consider bids placed after November 30, 2000 but the E.C. considers most advisable that the Adhering Organizations comply with the above procedure.
4. While it is impossible to spell out precisely all factors that will influence the final recommendation of the Site Committee, it will take into account the mathematical ambience, the infrastructure and the economic conditions offered by each bidder, as well as the accessibility of the proposed site and the broad geographical distribution of congresses. All countries interested in making a bid are strongly encouraged to do so.

Notes on what information the Site Committee would like to have for each bid are: [Bid for ICM 2006](#)

BIDS FOR ICM-2006

REQUESTED INFORMATION

Among other relevant information that each potential host country may want to supply, the Site Committee wishes to know about the following items:

I. FINANCES

Clearly, costs may vary considerably from country to country. However, according to the reports of the latest ICM'S, a potential host country may consider a budget of about 1.5 million US dollars, of which about 0.5 or 0.6 million US dollars might be raised through registration fees (such fees should be at most about 200 US dollars). Again, these numbers may go up or down according to local costs and facilities. In considering the budget, printing costs of the Proceedings and other material (posters, announcements, summary of invited lectures,...) as well as mailing, deserve special attention. The host country should be prepared to lodge freely about 120 young research mathematicians from developing countries, selected by IMU; they get their trips paid by IMU through its Special Development Fund. Also, in special cases, invited speakers are expected to receive some financial support for attending the meeting when other funds to cover their expenses are not available. Registration fees are waived for invited speakers and the above young research mathematicians from developing countries. On the other hand, it is to be noted that there is an IMU subvention to the ICM as well as some provision in its budget to defray costs of the General Assembly Meeting that takes place just before the Congress; for 1994, these sums amount to 72.000 Swiss Frs. and 14.000 Swiss Frs., respectively.

II. INFRASTRUCTURE

It is important that good facilities to hold the Congress are available. All lectures should take place in sizable, well equipped, pleasant and audible rooms. Special attention should be given to the Plenary Talks.

III. ACCESSIBILITY

The city and site of the Congress should be easily accessible. That is, flight connections from all over the world should be easily available, as well as transportation to the site of the Congress. Lodging facilities constitute an important item.

Finally, it is expected that the local mathematical community get involved in the preparations of the Congress, so as to create a nice ambiance during the meeting.

IMU Approved Budget for the Years 1999 - 2002, in Swiss Francs

Expenditure:

Schedule A:	1991-1994	1995-1998	1999-2002
Secretarial help, IMU office	19.400	15.000	17.000
Secretarial help, President	2.000	3.000	5.000
ICMI	10.000	11.000	11.000
CDE	5.500	6.000	6.000
Office Expenses (including postage)	7.500	8.400	14.400
Travel Expenses of the E.C.	25.000	27.000	30.000
President's and Secretary's expenses	2.000	2.000	4.000
Contribution to ICSU	5.000	7.000	7.000
IMU Bulletin	2.000	2.000	3.000
Audit fee	2.000	2.000	4.500
General Assembly - 2002	3.500	4.000	4.000
World Directory of Mathematicians	18.000	20.000	20.000
Contingencies	2.000	2.000	2.000
Subtotal	104.500	110.000	127.900
Schedule B:			
Symposia, confer, IMU Lectures	56.000	65.000	86.000
ICMI scientific activities	18.000	22.000	22.000
CDE scientific activities	15.000	40.000	33.000
Program Committee for ICM 2002	5.500	6.000	8.000

Travel grants	15.000	25.000	40.000
Subvention to ICM 2002	24.000	26.000	28.000
Subtotal	133.500	184.000	217.000
Total	238.000	294.000	344.900

Income

Membership dues (212 x 1200)	187.000	210.000	254.400
ICSU subvention	20.000	26.000	10.500
Sales of W.D.M.	12.500	10.000	12.000
Special Development Fund	15.000	25.000	45.000
Interest on Bank accounts	3.500	23.000	23.000
Total	238.000	294.000	344.900

INTERNATIONAL MATHEMATICAL UNION

Report for 1998 of the

International Mathematical Union

Professor Jacob Palis

Secretary

◦ **Introduction**

The International Mathematical Union was founded in its present form in 1951. The purpose of the Union is to promote international cooperation in mathematics, to support and assist the International Congress of Mathematicians and other international meetings and to encourage and support other international mathematical activities considered likely to contribute to the development of mathematical science throughout the world in any of its aspects, pure, applied, or education. IMU has two commissions, the International Commission on Mathematical Instruction and the Commission on Development and Exchange. The International Commission on the History of Mathematics is a joint commission with the International Union of the History and Philosophy of Science.

◦ **Membership**

The members of IMU are countries. At the moment IMU has 63 members.

◦ **Scientific Meetings**

The major event of the Union was the International Congress of Mathematicians 1998, held in Berlin, Germany, from August 18-27, 1999. In all, 3,346 mathematicians from 98 countries participated in the Congress together with an estimated number of 800 accompanying persons; 31 publishers were present. Under the auspices of the International Mathematical Union, the Congress was organized by the German Mathematical Society and supported by the Council (Präsidium) and the representatives of the mathematical institutions in Berlin. Initial financial support came from the Bundesministerium für Bildung, Wissenschaft, Forschung und Technologie and from the Senat von Berlin. Other public and academic bodies, private corporations and foundations, individuals and mathematical institutes supported the Congress significantly as well.

The Opening Ceremony took place in the the International Congress Center (ICC) of Berlin, in the morning of August 18. The President of the International Mathematical Union, Prof. David Mumford, declared the Congress open and announced the members of the Program Committee, responsible for the scientific program of the Congress: Phillip Griffiths (Chairman), Luis Caffarelli, Ingrid Daubechies, Gerd Faltings, Hans Föllmer, Michio Jimbo, John Milnor, Sergei Novikov, and Jacques Tits. Prof. Martin Groetschel was elected President of the Congress and Prof. Friedrich Hirzebruch was elected Honorary President. Welcome addresses were given.

The Chairman of the Fields Medals Committee, Prof. Yuri Manin, announced the recipients of the Fields Medals: Richard Borcherds, William Timothy Gowers, Maxim Kontsevich, Curtis McMullen. A special tribute of the Executive Committee of the IMU was awarded to Andrew Wiles. The Chairman of

the Rolf Nevanlinna Prize Committee, David Mumford , announced Peter Schor as the recipient of the prize. The Fields Medal Committee consisted of Prof. Yuri Manin (Chairman), John Ball, John Coates, J.J. Duistermaat, Michael Freedman, Jürg Fröhlich, Robert MacPherson, Kyoji Saito, and Steve Smale and the Rolf Nevanlinna Prize Committee consisted of Prof. David Mumford (Chairman), Bjorn Engquist, Tom Leighton, and Alexander Razborov. Both committees arrived at their decisions in early 1998.

At the Closing Ceremony in the afternoon of August 27, Prof. David Mumford announced the new members of IMU Executive Committee and of ICMI, CDE and ICHM for the term 1999-2002 (listed below) and the site of ICM2002, as decided by the General Assembly in Dresden. Prof. Chang invited the mathematicians of the world to meet in Beijing in 2002.

The social events included a buffet lunch after the opening ceremony, an opera performance of the Magic Flute in the Deutsche Opera on August 23, and an ICM party on August 26. To convey some of the many facets of Berlin to the ICM'98 participants, and in particular to accompanying persons, many Berlin mathematicians, their friends and spouses offered informal tours, so called footloose tours, to points of special interest in Berlin. About 1,200 ICM'98 members and accompanying persons participated in these tours.

IMU Executive Committee

The General Assembly of IMU, on its 13th meeting that took place in Dresden, Germany, from 15-16 August, 1998, elected the following IMU Executive Committee for the term 1999-2002:

IMU Executive Committee

President:	J. Palis	(Brazil)
Vice-Presidents:	S. Donaldson	(United Kingdom)
	S. Mori	(Japan)
Secretary:	P. Griffiths	(USA)
	V. Arnold	(Russia)
	J.M. Bismut	(France)
Members:	B. Engquist	(Sweden)
	M. Groetschel	(Germany)
	M. Raghunathan	(India)
ex-officio:	D. Mumford	(Past President)

Comission On Development And Exchange - CDE

The General Assembly of IMU, on its 13th meeting that took place in Dresden, Germany, from August 15-16, 1998, elected the following CDE Committee for the Term 1999-2002:

President:	Hyman Bass	(USA)
Vice-Presidents:	M. Artigue	(France)
	N. Aguilera	(Argentina)

Secretary:	B. Hodgson	(Canada)
Members:	G. Leder	(Australia)
	Y. Namikawa	(Japan)
	I. Scharygin	(Russia) (China)
	J.P. Wang	
ex-officio:	Miguel de Guzman	(Past President)
	Jacob Palis	(President of IMU)
	P. Griffiths	(Secretary of IMU)
