

Minutes of the First Business Meeting IMA, Edinburgh, Tuesday 3rd September

Hour: 16H40-19H

1. Welcome by President Tony Naldrett

The President welcomed the delegates present at the meeting.

Councillors present: Tony Naldrett, President, in the chair
Ian Parsons (Vice-President), Takamitsu Yamanaka (Vice-President), Stefano Merlino (Past-President), Cornelis Klein (Treasurer), Maryse Ohnenstetter (Secretary), Alain Baronnet, Ian Campbell, Werner Schreyer, Nicolai Yushkin,

2. Roll call of the Delegates

Country - Balloting power - Delegates present

Australia - 3 - W. Birch, L. Sutherland, D. Henry
Austria - 3 - G. Amthauer, H. Effenberger, A. Mogessie
Belgium - 1 - M. Fransolet
Brazil - 1 - D. Atencio
Bulgaria - 1 - I Bonev
Canada - 4 - N. Halden, A.C. Roberts, RC Peterson, R. Martin
China - 3 - Lu Anhuai, Li Shengrong, HE Hongping
Czech Republic - 1 - J. Kotkova
Denmark - 1 - Ole Johnsen
Egypt - 1 - M. Mandour
Finland - 1 S. Lahti
France - 4 - B. Devouard, G. Calas, E. Balan, D. Neuville
Germany - 5 - RB Heimann, W. Hofmeister, WV. Maresch, M. Okrusch, KU. Schuermann
Hungary - Tamas Weiszborg
Italy - 3 - M. Pasero, M. Mellini, G. Ferraris
Japan - 4 - M. Akaogi, K. Fujino, M. Matsui, E. Ohtani
Korea - 1 - Soo Jin Kim
Netherlands - 1 - C. Woensdregt
Norway - 1 - G. Raade
Romania - 2 - Dana Pop
Russia - 5 - N. Bortnikov, N. Mozgova, A. Glikin, AM. Askhabov, DY. Pushcharovsky
South Africa - 2 - Johan de Villiers, R. Merkle
Spain - 2 - E. Galan
Sweden - 2 - U. Halenius, H. Skogby
Switzerland - 2 - T. Armbruster, U. Schaltegger
United Kingdom - 4 - F. Wall, A. Rankin, J. McDonald, M. Welch
USA - 5 - C. Burnham, R. Ewing, Jeffrey Post, N. Ross, P. Heaney

Alternates:

Austria: Hoinkes; Bulgaria - T. Kerestedjian, China - Yang Zhuming; Japan - S. Matsubara, South Africa - L. Andrews.

3. Report of the President, Secretary and Treasurer

3.1. Report of the President

The President's report was published in the Programme with abstract "Mineralogy for the New Millennium", p14-15, and is reported below.

It is my great pleasure to welcome all of you to the General Meeting of the International Mineralogical Association. Before getting down to matters of business, I would like to express thanks on behalf of all of us to the Organising Committee of the meeting and to its Chair, Ian Parsons. As I know from 4 years ago, it takes an enormous amount of work from many people to prepare for a meeting like this, and we all appreciate the selfless dedication of time from those involved. Thank you very much indeed.

Over the last 4 years, we have lost some key people in our organization: I speak specifically of the death of two councilors, Andrei Syszmanski and Shigeo Sueno, and of the chair of our Commission on Ore Microscopy, Alan Criddle. All three made major contributions to the science of mineralogy, played important roles in our association and are being sorely missed by friends, colleagues and the world of mineralogy as a whole.

Tony Naldrett interrupted his message to propose one minute of standing in honor of the memory of the deceased members, Andrei Syszmanski, Shigeo Sueno and Alan Criddle.

And now to business: Since we met in Toronto 4 years ago, IMA has been involved in a major way with the International Geological Congress that was held in Rio de Janeiro in August 2000. We organized a series of 8 sessions under the theme of mineralogy and were co-sponsors of 18 other sessions. In addition, several of our Commissions and Working Groups have organised, sponsored or co-sponsored international meetings over the past 4 years. In late 2000 our secretary, Tamas Weiszbarg, regrettably had to resign from his office due to ill health and the pressure of duties at his University. It is only when one joins the council of IMA that one realizes that the secretary is the hub within IMA around which all other officers and council members dance. Presidents, Vice-Presidents and councilors come and go, but the secretary needs to go on forever, or at least nearly forever. The secretary is the conscience of the organization, shaming Presidents, Vice-Presidents, and Commission and Working Group chairs to do their duties on time, acting as the link with national representatives and Commissions and Working Groups, ensuring that our web pages are current and informative and serving as the collective memory of the Association. Very fortunately we were able to persuade Maryse Ohnenstetter of the CNRS in Nancy to step in as interim secretary after Tamas's resignation. She has also allowed her name to be proposed as candidate for this office in the election that will be held at our second business meeting. Anyone who has been involved with the organization in a formal way will recognize how firmly she now holds the reins of IMA. Thank you Maryse.

I now come to the part of my address that I wish I could avoid. I cannot leave my Presidency with a clear conscience unless I tell you, that despite the obvious success that this meeting is going to be, all is not well with IMA. Our Association was formed not only to organize a meeting every 4 years, but also to play a central role in mineralogy. We have a series of Commissions and Working Groups who should be at the cutting edge of their areas of interest, promoting these interests around the

world. With certain very notable exceptions, I have to inform you that this is not so. We have 11 Commissions and Working Groups. These have been asked repeatedly to give reports of their progress over the past 4 years. I have to tell you that 5 of these groups have responded with full reports that indicate that they have had an active 4 years, 2 groups have responded with reports that occupy only a few lines and indicate little activity, and 5 groups have made no response to these requests. We must ask ourselves, why do we have Commissions and Working Groups who let 4 years go by with little or no activity?

Sad to say, IMA seems to go into hibernation between its four-yearly meetings, a hibernation that is difficult to disturb even when the next General Meeting is looming over the horizon. Despite our activity at Rio de Janeiro, and the plans that are being made to have a strong presence at the next IGC in Florence, if one compares our international activity with that of the geochemists and their annual Goldschmidt conferences, one has to admit that we are lacking in vitality. But it is not the science that lacks vitality, it is IMA itself.

So what can we do about it?

1. I believe that one of our major problems is that it has become customary to hold business meetings every 4 years. According to our constitution, Commissions and Working Groups can only be initiated, terminated or have their leaders appointed or changed at business meetings. In fact our constitution stipulates that "Ordinary Business Meetings of Delegates shall be held as often as deemed necessary by the Council, but at least once every four years." A business meeting requires a quorum of representatives from 1/4 of our member societies. I am going to recommend to our new council that they hold a business meeting at least every two years. This will enable a much more rapid response to problems that develop within the organization.
2. I am going to propose to you that those Commissions and Working Groups who have not been sufficiently active over the past 4 years be terminated by vote at this meeting. If their field is deemed important, they can be reincarnated with new leaders and membership.
3. I believe that the IMA council should have the power to make changes to the leadership of a Commission or Working Group if this seems necessary without waiting to put their recommendations to the vote of a business meeting. This will require a change in our constitution, if you feel it is appropriate.
4. As you know, your council meets once per year, and over the past 8 to 10 years this has been at our General Meeting, and in conjunction with the IGC which is held midway between our General Meetings; intervening meetings have been held just before the EUG meeting in Strasbourg. Tying council meetings to scientific meetings makes it easier for councilors to raise funds to attend (IMA never supports the travel expenses of any of its officers or council members, except in highly exceptional circumstances). I am going to recommend to the incoming council that IMA officially participate in and organise symposia, not only at the IGC, but also at the intervening meetings to which our council meetings are attached. Council will probably request that members of Commissions and Working Groups play a role in organizing these symposia. We are already making a start with this plan. EUG is meeting in conjunction with the American Geological Union in Nice next year, and we

are negotiating a role for IMA in sponsoring or co-sponsoring sessions at this meeting.

5. *I believe that our system of national representatives does not always work as well as we would like. Quite frequently, some national representatives fail to communicate adequately with the council of their National Society, so that the council remains in ignorance of what IMA is doing or is planning to do. I am therefore proposing that the information that is distributed to National Representatives is also distributed to the Executive Director (if there is one), President of the national society (if the President has an lengthy term of office) or, failing this, the Secretary, so that there is a back-up route for information to make its way to the council of the national society.*

These proposals are just some ideas that I and your council believe may help to streamline the working of our Association. Some of my suggestions require your formal approval at a business meeting, others do not. Notwithstanding, I would ask that you think about them before our business meetings in Edinburgh. I, and others on council welcome your comments and suggestions as to how we can make IMA a more vital association, how we can avoid our long periods of hibernation. Please let us have them in time so that they can be incorporated into the final proposal that will be put forward for voting on at the second business meeting. All of us on council think that IMA is on a watershed. We must revitalize ourselves to face the challenges of this century, or others will take our place and leave us on the sidelines of science.

3.2. Report of the secretary

The interim secretary indicated that since one year and half, her main basic work was to contact National Representatives in order to get up-to-date lists of National Delegates, and later on, lists of delegates within Commissions and Working Groups. The latter lists have still to be modified. This will be done in collaboration with Chairs of Com/WG and National Representatives. Communication within IMA is of prime importance and information are now regularly sent to National Representatives and Chairs (see the list of main documents provided). The IMA Website was modified accordingly. The Interim secretary was also involved in the participation of IMA to the new EGS-AGU-EUG Joint Assembly in Nice, 2003 (see 8.2).

3.3 Report of the Treasurer

Income		Expenditures		Year and balance
1999				
Dues received	6,609.01	Com. on NMMN	1,514.3	
Toronto IMA			9	
Return of advance	12,000.0	Wire transfer charges	78.00	
Toronto IMA	0			
Surplus to IMA				
Interest	16,452.0			69,995.67
	0			
	556.23			
2000		Com. on NMMN	1,515.0	
Dues received	7,208.00	Australian Museum	0	
Interest	1,999.34	Conference		

		IMA dinner, Rio Wire transfer charges	3,015.1 9 237.71 90.00	74,345.11
2001 Dues received Interest	9,571.00 1,777.09	Com. on NMMN Wire transfer charges	1,514.9 0 149.00	84,029.30
2002 (until Aug.21) Dues received Transfer by Dorian Smith for IMA DataWG Interest	6,528.00 4,546.56 495.00	Com. on NMMN Min.Soc.Britain For IMA 2002 IMA postage for files send to sec. From Mandarino Wire transfer charges	1,500.0 0 5,000.0 0 31.44 128.00	88,929.42

C. Klein indicated that the expected total (maximal) annual dues (7,920.00\$) are never achieved because many countries continue to allow electronic bank transfer charges to be subtracted from the annual dues. The income varies also because some countries are delinquent one year, and double their payment in the next year.

Although the original dues bills are sent by air-mail in very early January of each year with the specific request to transfer the dues money in April, it is generally necessary to contact 15 of the National Representatives all over again by June, to get their dues later on.

The interest generated on the IMA account is not taxed by the Internal Revenue Service of the USA because it is classified as a non-taxable international scientific account.

Since 1998, there have been no charges to the account for any administrative, secretarial, or postal expenditure incurred by the offices of the president, secretary, or treasurer. All these costs have been absorbed by the officer's local institutions, and/or by personal finances of the officers.

4. Appointment of the Auditing Committee (Constitution, Article 5c)

The delegates appointed Walter Maresch, Germany and Norman Halden, Canada, as members of the Auditing Committee. The Auditing Committee will give its report on the 2nd General Meeting.

5. Amendment of the Constitution

BY-LAWS - Article 12 (f) and 13 (d) : It is proposed to get annual reports from Commissions and Working groups instead of biennial reports.

It is proposed to add a new amendment on the role of the Council to intervene between Business Meetings to change Chairs of Commission/Working Group when necessary.

6. Commissions and Working Groups

Table: Dates of report arrival at the secretary's office

	Commission/Working Group	Chairman	Annual Report				Bi-annual report		4 year report	
			1998	1999	2000	2001	1998-1999	2000-2001	1998-2001	
1	Com. on applied mineralogy	CAM	Richard Hagni					30.08.02	30.08.02	
2	Com on Classification of Minerals	CCM	Y. Pushcharovsky		4.01.02	4.01.02	4.01.02			4.01.02
3	Com on Crystal growth of Minerals	COGM	A. Baronnet						9.01.02	17.01.02
4	Com on GEM materials	CGM	M. Superchi							24.01.02
5	Com on History and Teaching	CHT	Tamas Weisburg							30.08.02
6	Commission on Museums	CM	C.A. Francis							
7	Com New Minerals Mineral Names	CNMMN	J.D. Grice					7.01.02	27/11/2001 and 29/7/01	
8	Commission on Ore Mineralogy	COM	A.J. Criddle**							11.01.02 + 30.08.02
9	Com on Physics of Minerals	CPM	R. J. Hemley							
10	WG on Cosmic Mineralogy	WGCM	Monica Grady				16.1.02			
11	WG on Databases and Comp. A	WGDCA	Gyorgy A. Lovas							14.01.02
12	WG on Inclusions in Minerals	WGIM	A.H. Rankin		8.01.02	8.01.02	21.12.01		21.12.01	
13	WG on Mineral Equilibria	WGME	L.L. Perchuk	23.11.01						17.01.02
14	WG on Organic Minerals	WGOM	Norbert Vavra				16.01.02			7.12.01

6.1. Recommendation for continuation or termination

voting by the Delegates (Constitution, Articles 12g and 13d)

- CAM - to continue - to be reviewed in two years. It is recommended to increase activities, notably when collaborating with ICAM.
- CCM - to continue with a better defined profile when compared to CNMMN
- CCGM - to continue with new officers, new project and new title. To be reviewed in two years.
- CGM - to end - activities were not enough significant
- CHT - to end - little activities despite the great number of participants
- CM - to continue with new officers. To be reviewed in two years
- CNMMN- to continue
- COM- to continue - to sustain activities
- CPM- to continue but to redevelop with new officers. To be reviewed in two years
- WGCM- to continue with new officers. To be reviewed in two years
- WGDCA- to end
- WGME- to continue
- WGIM- to continue - to encourage development of activities
- WGOM- to continue but to enlarge participation at the international level

6.2. Proposals for new Commissions and/or Working Groups

Communication is very important within IMA, and a Website should be maintained. The Council was informed on the proposal of Kevin Murphy to create a directory of mineralogists, each of them being responsible for information put on the Website. A Committee will be formed as information technology services are still required for the international mineralogical community. A project will be proposed by the new Committee, which will be examined by the Council in Spring.

7. Council and Officers of the Commissions and Working Groups for the period 2002-2006

Nominations (Constitution, Articles 11, 12g and 13d).

7.1. Proposal for Councillors

President: Ian Parsons
 First Vice-President: Takamitsu Yamanaka
 Second Vice-President: Nicolai Yushkin
 Treasurer: Cornelis Klein
 Secretary: Maryse Ohnenstetter
 Past-President: Tony Naldrett
 Councillors: Alain Baronnet, Ian Campbell, Kari Kojonen, Marcello Mellini,
 Werner Schreyer.

7.2. Chairs of Commissions and Working Groups:

Commission/ Working group		Position	Name	Year of appointment
C. on Applied Mineralogy	COM	Ch.		
		V- Ch.		
		Sec.		
C. on Classification of Minerals	CCM	Ch.	Yu Pushcharovsky	Since 1998
		V- Ch.	Ernst Nickel*	2002 proposal
		Sec.	Andrew McDonald	2002 proposal
C. on Gem Materials	CGM	Ch.		
		V- Ch.		
		Sec.		
C. on Mineral Growth and Interface Processes	CMGI P	Ch.	Cornelis Woensdregt*	2002 proposal
		V- Ch.	Katsuo Tsukamoto*	Since 1994
		Sec.	John Rakovan*	2002 proposal
C. on Museums	CM	Ch.	Lydie Touret*	2002 proposal
		V- Ch.		
		Sec.	Kay U Schuerman*	Since 1996
C. on New Minerals and Mineral Names	CNM MN	Ch.	ErnstBurke	2002 proposal
		V- Ch.	Giovanni Ferraris	Since 1998
		Sec.	William D. Birch	Since 1996
C. on Ore Mineralogy	COM	Ch.	Roland K.W. Merkle	2002 proposal
		V- Ch.	Kari K. Kojonen	2002 proposal
		Sec.	Nigel J. Cook	2002 proposal
C. on Physics of Minerals	CPM	Ch.	Georg Amthauer	2002 proposal

		V-Ch.	Euji Othani	2002 proposal
		Sec.	Daniel Neuville	2002 proposal
WG on Cosmic Mineralogy	WGC M	Ch.		
		V-Ch.		
		Sec.		
WG on Database and Computer Applications	WGD CA	Ch.		
		V-Ch.		
		Sec.		
WG on Inclusions in Minerals	WGIM	Ch.	Li Zaolin	2002 proposal
		V-Ch.		
		Sec.	S. Smirnov	2002 proposal
WG on Mineral Equilibria	WGM E	Ch.	Leonid Perchuk	Since 1998
		V-Ch.	Masaki Akaogi	Since 1998
		Sec.	Oleg Safonov	2002 proposal
WG on Organic Minerals		Ch.	Norbert Vavra	Since 1998
		V-Ch.		
		Sec.	Waltraud Winkler	2002 proposal

Proposals with (*) were received in Edinburgh up to the Business Meeting

It was asked to propose additional names of Chairs as soon as possible before the second Council Meeting.

8. Future meetings

8.1. Participation of IMA in the 32nd IUGS Congress (IGC) in Florence, Italy (15-22 August 2004).

S. Merlino indicated that circulars informing on the tenue on IGC were sent a coupled of months ago. IMA is presently sponsoring five sessions in Mineralogy (see below). S. Merlino added that the program can be completed by adding four or five sessions which will be selected during the second Council meeting. He indicated that all the information should be provided before the end of September, 2002 as all the material should be ready for announcement in October 2002.

G15 - Mineralogy

- G15.1 Reacting surfaces and interfaces of minerals
- G15.2 Mineral thermodynamics, mineral equilibria, and PT paths
- G15.3 Crystal structures of minerals: topology and classification
- G15.4 Microstructures, modularity, modulations in minerals
- G15.5 Mineralogical properties of Earth's mantle.

A sixth session is sponsored by IMA:

G01.3 Mineralogical properties of Earth's mantle- applications.

8.2. Participation of IMA in the first EGS - AGU - EUG Joint Assembly 2003 in Nice, France.

The project for IMA to be involved in the Nice Congress was proposed to sustain mineralogy among the other geological sciences. This project raised due to contacts between chairmen of the Congress and the IMA Secretary. The list of sessions proposed to be sponsored or co-sponsored by IMA is reported below:

- 1) Mechanism of Mineral reaction and Isotopic Exchange - Alain Baronnet and Andrew Putnis
- 2) Gold and Platinum Group Minerals; from Experimental Mineralogy and Microanalysis to Deposit Modelling - Kari Kojonen, Roland Merkle, Nigel Cook, Chris Stanley
- 3) Natural Glasses, amorphous material and nuclear waste - Daniel Neuville, B. Mysen, Ian Farman, B. Lange
- 4) Mineralogy under Pressure : from crust to core: Denis Andrault, Gerd Steinle-Neumann

8.3. 19th General Meeting in Osaka, Japan

Information were provided by Vice-President T. Yamanaka. Previous information were received for the Council Meeting in Strasbourg, 2001.

Invitation: The Commission of Mineralogical Science of Science Council of Japan.

Organizer: National Committee for Mineralogy, Science Council of Japan. The Organizing Committee is headed by IMA 2nd Vice President Prof. Takamitsu Yamanaka who forwarded preliminary information for the Council meeting in Strasbourg (2001), and then during the First Council Meeting and First Business Meeting in Edinburgh (sept. 2002).

Sponsor: The Mineralogical Society of Japan

The Japanese Association of Mineralogists, Petrologists and Economic Geologists

The Society of Resource Geology

Venue for Conference: International Conference Center Kobe

Date and Period: 6 days July 23-28, 2006

Expected number of participants: 800 (oversee 350~400 domestic 350~400)

Registration fee: 400 US\$;

It covers the following events/services:

- Opening ceremony, attractions of the traditional Japanese music and dance
- Reception and Welcome party
- Conference Excursion to Osaka castle and other spots
- Invited speakers (registration fee waived for about 10 persons)
- Meals (lunch or dinner) for the committee meetings.

Accommodation:

Accommodation is not so difficult in the city.

There are many hotels with a reasonable room charge ca 70~100US\$.

City service offers the rooms with a cheap charge.

Scientific Program (see details in the appendix):

International and Local Program Committee

IMA Commissions and Working Groups

Financial support

Donation from the grant-in-aid of Science Council of Japan and Kobe City

Congress Secretariat:

Department of earth and Space Sciences

Graduate School of Science

Osaka University

1-1 Machikaneyama
Toyonaka
Osaka 560-0043
Japan

Contact: Prof Takamitsu Yamanaka

Phone/Fax: 81-6-6850-5793

e-mail: b61400@center.osaka-u.ac.jp

Organizing Committee: T. Yamanaka (Chairman), E. Ohtani, M. Matsui, K. Fujino,

M. Akaogi, S. Matsubara, A. Tsuchiyama, M. Arima, T. Yoshida, T. Uurabe, A. Imai, T. Murakami, H. Sato, K. Tomeoka, T. Iitaya, M. Nedachi

Location information

access 10 min from JR Kobe Station by subway

75 min from Kansai International Airport by limousine buss

80 min from Osaka International Airport by limousine buss

Sight spots

within one hour distance from Kobe by train: Kyoto, Nara, Himeji, Osaka

within two hour distance: Ise, Hiroshima, Nagoya.

8.4. Proposal for the 20th General Meeting in 2010 to be held in Paris

Information were provided by G. Calas. Paris is a candidate for the tenue of the 20th General Meeting in Paris (2010). This candidacy proposed by D. Neuville arrived at the IMA secretary's office on the first of March 2002. G. Calas send a second proposal on the 30rd of August which was presented during the First Council Meeting.

Historical backgroud: France has already organized the 10th General meeting in 1980 in Orléans, as Claude Guillemin was President of IMA. During the same year, the International Geological Congress occurred later on in France.

Invitation : the French Society of Crystallography and Mineralogy joined with the Belgian Mineralogical Union.

Venue for Conference: Campus of Jussieu, University of Pierre and Marie Curie, close to the center of Paris.

Key dates: Sunday 22 to Friday 27, August 2010.

Expected number of participants: 1000 (oversee 700 - domestic 300) ?

Registration fees: 300 US\$, and for field trips 400-500 US\$

Accommodation: Block bookings will be made for hotel close to Jussieu.

Other accommodation is not difficult in Paris. Cheap accommodation will be found for students at the International student City inside Paris. Lunch: Meal tickets will be provided at the University. Many restaurants are located close to Jussieu.

Scientific Program:

International and Local Program Committee; IMA Commissions and Working Groups.

Expected sessions on biomineralogy, mineral properties at high temperatures and pressures, nuclear waste management, cultural heritage, spectral mineralogy, remote sensing, planetary mineralogy, Martian exploration, glasses, melts and amorphous materials.

Field trips: before and after the Meeting in eastern France and Germany, Alsace, Alps (Oisans - Mt-Blanc), Massif Central, Brittany, Ardennes, Belgium, Loire valley (preservation of old monuments), Central part of France (old mines). One day trip to "Soleil" (synchrotron radiation), or Louvres Museum Research Laboratories.

Financial support: It is expected from public fundamental and applied research organization, as well as from private companies.

Organization Committee: France: G. Calas, E. Balan, A. Baronnet, M. Buatier, C. Chopin, B. Devouard, F. Farges, L. Galois, Ph. Gillet, M. Guiraud, F. Guyot, JM. Montel, D. Neuville; Belgium: B. Delvaux, M. Deliens, J. Elsen, AM. Fransolet, E. Pirard, Ph. Mucchez, R. Vochten.

Congress Secretary's office: SFMC, tour 16, Casier 83, 4, place Jussieu, 75252 Paris Cedex 05, France.

Contact : Prof. Georges Calas; calas@inmail.lmcp.jussieu.fr Tel.: (33) 1 4427 6872

FAX: (33) 1 4427 3785

Location information: Less than one hour from Roissy-Charles de Gaulle airport by train RER and the underground Metro. Most of the international cities are connected to Paris by plane. Some European towns are also connected by high-speed trains.

Tamas Weiszburg intervened to complain on the absence of the Hungarian-Pannonian proposal. The Secretary indicated that this proposal was discussed during the Council Meeting in Strasbourg. Nothing was received later on from him to complement the earlier information. The President indicated to Tamas Weiszburg that he could present his proposal during the next meeting.

G. Ferraris recalled that an assembly will occur in two years, during the Florence Meeting, provided the quorum is reached. At that time, decision for the 2010 meeting can be taken, that is 6 years before the 20th Meeting. He added that everything should be booked about 5 years in advance when organizing a large meeting.

9. Other Business

Some delegates discussed on the prices of registration in Edinburgh. It was said that numerous meetings have cheaper costs than the Edinburgh meeting, and that deadlines to apply for help ended three months before deadlines for sending abstract. This prevents for some students to apply for registration.

I. Parsons said that selecting a suitable location for Congress is a difficult task, due to the strong competition in Geosciences. A Congress must be attractive with high standard location. 70 people were financially helped to participate in the General Meeting in Edinburgh.

In some countries, as in Japan, donation are given from industry funds. The general feeling of Delegates was to considerably reduce fees for students. I. Parsons informed that in Great Britain, there are research grants which supply for some students to participate to Congress. This system is selective and needs to be applied elsewhere.

10. Closing by President Tony Naldrett

The president thanked the Delegates for their participation and for giving contribution to the meeting.

List of the main documents provided before Edinburgh to National Representatives and/or to National Delegates

IMA 2001 report to IUGS and a copy of the past report (2000)

Provisional Agenda for the two Business Meeting in Edinburgh

Chronicle published in Newsletters (30/4/02)

Secretary's letter about constitution (3 May 2002)

President's letter to Mrs Criddle (6 May 2002)

Reports of Commissions and Working Groups (e-mail and hard copy) with the list of reports send to National Representatives

The lists of Delegates and Alternates for the Edinburgh Meeting

Proposal for the new Council with a short CV

Timetable and sessions during the Edinburgh General meeting (21/6/02)

President's letter to National Delegates (3 July 2002)

IMA Official events (13 August 2002)

Table of Officers and new proposals (30 August 2002)