

UIS-BULLETIN

Union Internationale de Spéléologie

1998

Volume 44

Number 1/2

Editor-in-Chief: Pavel Bosák

EDITED IN DECEMBER 1998 * EDITÉ EN DECEMBRE 1998 * AUSGEGEBEN IN DEZEMBER 1998

!Do not forget to fill attached form!

The Union Internationale de Spéléologie after the 12th International Congress of Speleology in La Chaux-de-Fonds, August 1997

Letter from the new President

It gave me great pleasure to be elected president of the Union Internationale de Spéléologie (UIS) at the 12th International Congress of Speleology at La Chaux-de-Fonds. The Congress at La Chaux-de-Fonds was the largest gathering of scientific speleologists to assemble anywhere in the world. Some 1,800 cavers and scientists gathered together to discuss all aspects of speleology. Three new additions to the standard UIS Congress program added greatly to its success. It was preceded by Spelemedia, a visual feast of film, video and photographs. During the Congress there was an exhibition of Speleo-Art with artists from around the globe presenting a wide and varied view of caves. The 6th conference on Limestone Hydrology and Fissured Aquifers was held in parallel and contributed greatly to the high standard of scientific papers. The five volumes of Conference Proceedings are an excellent record of the speleological program. The scientific committee for the 12th congress should be congratulated for the selection and organisation of papers.

The Swiss Speleological Society is to be congratulated, and in particular the Organising Committee under the leadership of Jean-Claude Lalou, for the smooth running of the program and for providing excellent entertainment during the congress. The support of the local, cantonal and national Swiss authorities was essential for the success of this ambitious program. The pre- and post-Congress excursions were also of the highest standard. They were spread throughout Europe, and the thanks of the UIS bureau and all the participants go to their organisers.

Paolo Forti, the immediate past-President of UIS, finished his opening ceremony address by stating that the success of the congress was the best gift he could have to finish his term of service. I regard it as a magnificent gift with which to commence my four years as president.

In the last four years the Union, under the leadership of Paolo Forti and the stewardship of Pavel Bosák building on the strong tradition established by our past-Presidents and Bureaus, has become more financially secure and has lifted its profile in the scientific community via an agreement with the International Geographical Union.

Continuing on the theme of building strength on strength. The new Bureau elected at La Chaux-de-Fonds is both strong and active. It is hoped that the vice-presidents and adjunct secretaries will represent the Union at the national speleological meetings in their regions of the world, and that they will advertise the Union and encourage new members from their regions.

It is the hope of the President and the Bureau that in the next four years we will be able to raise funds for investment, the interest from which can be used to support the commissions. If this fund cannot be established, then other means of supporting the commissions will be found, as it is their work that gives the Union its excellent reputation.

The next Congress will be in Brazil in 2001. It is the aim of the UIS Bureau that this congress, the first for the new millennium and the first to be held in the southern hemisphere, will be a great festival of

speleology. I hope that the members of the Union, and especially those who are also members of La Federacion Espeleologica de America Latina y del Caribe (FEALC), will give the Brazilians all the help and encouragement they need for the mammoth task ahead.

I finished my closing address at the Congress in Switzerland with a message to the sporting cavers of the world. I would dearly like them to obtain a cave of 2,000 m depth by the year 2001, a reminder that the Union membership is both scientific and sporting, and that each is essential to the other.

*Julia Mary James
UIS President*

Minutes from the UIS Assembly General

First session, August 10, 1997

La Chaux-de-Fonds, Theatre, 9.05 am - 0.10 p.m.

The Assembly General was opened by the welcome speech of Mr. Bernard Dudan, the President of the Organising Committee of the 12th International Congress of Speleology who stated that 1,500 registered participants are present at the moment. He declared the 12th International Congress of Speleology as opened.

The General Assembly was introduced by the speech of Mr. Paolo Forti, the UIS President, who summarised achievements and failures of the UIS Bureau in time between the 11th and 12th International Congresses of Speleology, i.e. for the period of August 1993 to July 1997. He declared the Assembly General as opened.

In the moment of the opening, totally 27 member-countries (from 60) were registered (Argentina, Australia, Austria, Croatia, Cuba, Czech Republic, France, Germany, Great Britain, Hungary, Indonesia, Italy, Japan, Lebanon, Luxembourg, Mexico, the Netherlands, Poland, Portugal, Puerto Rico, Russia, South African Republic, Spain, Slovenia, Switzerland, Ukraine, Venezuela).

The Assembly General approved the minutes of the last Assemblies General from Beijing 1993 by 26 votes for and 1 vote against.

The Secretary General of the UIS presented his report. After the Commission, Working Group and Committee representatives presented reports and information of the activity. Pavel Bosák presented the Commission on Paleokarst and Speleochronology, Adolfo Eraso presented the Commission of Caves in Glaciers and on Karst of Polar Regions, Adolfo Eraso presented the Working Group GTICEK and proposed to close the activity of the Working Group, Jan Paul van der Pas presented the Commission on Volcanic Caves, Roman Hapka informed on Commission on Archaeological Studies in Caves, Hubert Trimmel referred on Commission on Speleotherapy, Jan van der Pas shortly spoke on Commission on Artificial Cavities, Aleksander Klimchouk presented Working Group: Hydrogeology of Karst and Speleogenesis, Hubert Trimmel informed on the Commission for Atlas of Karst Regions, Peter Matthews presented the Informatics Commission, Hubert Trimmel shortly reviewed activity of the Commission on History of Speleology, David McClurg informed on activity of the Commission of Material and Techniques, Peri Frantz and Natalya Jablokova referred on Working Group: Education of Speleology in Schools. Friedrich Oedl explained activity of the Advisory Committee.

After the short break coming after the presentations of the UIS Secretary General and UIS Commission, Working Groups and Committees, representatives of 33 member-countries were registered (Argentina, Australia, Austria, Belgium, Brazil, Bulgaria, Canada, China, Croatia, Cuba, Czech Republic, France, Germany, Great Britain, Hungary, Indonesia, Italy, Japan, Lebanon, Luxembourg, Mexico, the Netherlands, Poland, Portugal, Puerto Rico, Russia, Slovakia, Slovenia, South African Republic, Spain, Switzerland, Ukraine, USA, Venezuela).

The Assembly General elected two auditors. Ján Tulis of Slovakia was elected by 31 votes. Andrew Eavis of Great Britain was elected by 32 votes (detailed results of voting and elections are summarised down in Tables 1 to 3).

The Assembly General elected the Commission for the elections of the new UIS Bureau composed of Hubert Trimmel of Austria (33 votes), Arrigo A. Cigna of Italy (33 votes), Nick White (32 votes). Several materials were presented to the Assembly General. Pavel Bosák presented the UIS Bureau proposal of improvement of the UIS Constitution (Statute) and explained why it is useful to adopt it. Claude Mouret presented the proposal of the change of the UIS Constitution prepared by the French Speleological Federation. Stephen Craven introduced the proposal of the Code of Ethics prepared by the UIS Bureau. Paolo Forti presented the Agreement with the International Geographical Union, which was approved by the Assembly General of the IGU in August 1996 in the Hague. Inaugural UIS Prizes were presented by Mrs. Julia M. James.

The last point of the first session was the presentation of candidatures for the next Congress by the representatives of Brazil, Australia and Portugal who officially applied for the organisation of that event.

Second session, August 17, 1997

La Chaux-de-Fonds, Salle de la Verna, 10.20 am - 2.00 p.m.

At the moment of the opening, totally 42 member states were registered (Argentina, Australia, Austria, Belgium, Brazil, Bulgaria, Canada, China, Costa Rica, Cuba, Czech Republic, France, Germany, Great Britain, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Lebanon, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Puerto Rico, Romania, Russia, South African Republic, Spain, Slovakia, Slovenia, Sweden, Switzerland, Turkey, Ukraine, USA, Venezuela), one state (Croatia) deposited its written statement by the Secretary General.

The second session opened the UIS Secretary General by the information concerning three sessions of the UIS Bureau within the Congress and he presented some additional information, e.g. that the membership in the UIS was cancelled to following member-countries: Columbia, Denmark, Dominican Republic, Tunisia and Peru (using the paragraph A of additions to the UIS Statutes).

The program continued by the information of the UIS Commissions and Working Groups and by the approval of reports, plans and chair persons by voting.

- Commission on Paleokarst and Speleochronology (Lauritzen, Norway)
- Department of Protection and Management (Bartholeyns, Belgium)
- Commission on Physico-Chemistry and Hydrogeology of Karst (Shopov, Bulgaria)
- Commission on Caves in Glaciers and on Karst of Polar Regions (Eraso, Spain)
- Working Group GTICEK the activity was frozen
- Commission on Volcanic Caves (Halliday, USA)
- Commission on archaeology and palaeontology of caves (Hubbart, USA, Hapka, Switzerland) - Permanent Commission of Speleotherapy (Dluholucký, Slovakia, information by Trimmel, Austria), the commission was transferred to permanent commission
- Commission of Artificial Cavities (Orbons, the Netherlands, information by van der Pas, the Netherlands)
- Working Group: Hydrothermal Karst (Dublyanski, Russia)
- Commission on Hydrogeology of Karst and Speleogenesis (Klimchouk, Ukraine), the working group was transferred to the Commission
- Commission on Bibliography (no President, information by Bosák, Czech Republic)
- Commission on Greatest Caves (information by C.Chabert, France)
- Commission on the Atlas of Karst Regions (Pfeffer, FRG, information by Bosák, Czech Republic)
- Informatics Commission (Matthews, Australia)
- Commission on History of Speleology (Mais, Austria)
- Commission on Cave Rescue (Slagmolen, Belgium)
- Commission on Material and Techniques (McClurg, USA)
- Cave Diving Commission (Bolanz, Italy)
- Commission on Speleological Education (Meyssonier, France)
- Working Group: Children and Caving (Sangster, USA, Yablokova, Ukraine, informed by Frantz, USA)

Two new UIS commissions were introduced and approved:

- Commission on Cave Mineralogy (Hill, USA)
- Commission „Pseudokarst“ (Eszterház, Hungary, reported by Tulucan, Romania)

At the end of the voting procedure it can be stated that all UIS Commissions and Working Groups, and their chair persons were approved as all obtained absolute majority of votes. The UIS Commission on Protection, Exploration and Tourism and the UIS Commission on Show Caves were joined together. The Commission on Speleotherapy was upgraded to the UIS Permanent Commission on Speleotherapy, the UIS Working Group: Hydrogeology of Karst and Speleogenesis was upgraded to the UIS Commission on Hydrogeology of Karst and Speleogenesis. The activity of the UIS Working Group GTICEK was frozen on the demand of the Working Group President (A. Erasos, Spain) up to time of solution of contacts and co-operation with IGU and AIH. Two new UIS Commissions were set up: the UIS Commission on Cave Mineralogy and the UIS Commission of „Pseudokarst“.

The Advisory Committee presented its statement concerning the proposals presented at the first session. F. Oedl (Austria) reported:

„Der Statut-Vorschlag wurde vom Büro in Breitenbach (Oktober 1995) beschlossen. Es wurde von Bosák und Widmer mit mir am 7.VI. 96 genau überprüft und in La Chaux de Fonds im Sinne des Statuts (art. VI alt) erörtert.

Der Entwurf enthält im wesentlichen:

- 1) Ergänzungen auf Grund General Versammlungs-Beschlüsse,
- 2) Ergänzungen der Kommissionen durch „Groupes de Travail“ und „institutions adhérents“,
- 3) einige Ergänzungen der Aufgaben des Büros.

Die Veröffentlichung des Entwurfes führte zu einer Stellungnahme (Frankreich) mit bedeutenden Textänderungen. Die interessanten Vorschläge bedürfen einer internationaler Erörterung.

Empfehlung and General-Versammlung. Auf Beschluss des Statuts ohne Änderung in Sinne des Vorschlages des Büros.“

Friedrich Oedl, Chaux-de-Fonds, 15.8. 1997.

The Committee advised that also other motions and proposal are recommended to be accepted without changes.

The General Assembly voted after for three proposals:

- improvements in the UIS Constitution (Statute) (40 votes),
- UIS Code of Ethics (with added para. 4) (42 votes),
- the Agreement with International Geographical Union (41 votes).

At the end of the voting procedure it was stated that all three documents were accepted by the General Assembly as all documents obtained absolute majority of votes.

Two budget auditors (J. Tulis, Slovakia, and A. Eavis, Great Britain) reported on the result of the audit report:

Report by the elected Auditors on the UIS accounts for the period summer 1993 - summer 1997

Auditors: Jan Tulis (Slovakia), Andy Eavis (Gt. Britain)

The accounts up to summer 1993 were scrutinised by Stephen Craven at Beijing congress. He had formally approved the accounts but made several observations. These included:

- *The accounts appear correct but some papers were missing;*
- *He suggested simplifying the bank accounts;*
- *He noted there were high bank charges, particularly with reference to changing subscriptions from one currency to another;*
- *Deposited money was earning low rates of interest;*
- *He suggested a post of Treasurer separate from the Secretary General.*

We reviewed the accounts and had a number of observations including things similar to those noted by Stephen Craven.

The Belgian account was closed almost immediately after the Beijing congress and USD 940 was transferred to a deposit account in Prague. We have checked the records of this Belgian accounts and although four pieces of paper are missing it appears that everything is in order. It is recommended that future auditors do not need to consider the Belgian accounts. Pavel Bosák spent a considerable amount of time with Camille Ek and we are confident that every thing was in order.

There still exists a bank account in Vienna which is administered by Hubert Trimmel. From the information we have viewed and discussions with Hubert, it would appear that everything in this account is in order.

The final account is in Prague and consists of a dollar deposit account and a working Czech Crown account. The information from these was scrutinised and appears to be correct.

It is the Auditors' opinion that the current UIS accounts are all in order. They have a number of suggestions:

- 1 *The bank accounts are further simplified, probably into one dollar account held in a western bank and a working account in the country of the General Secretary;*
- 2 *The dollar account could be administered by a person other than General Secretary;*
- 3 *Investment opportunities should be investigated to safely improve income from accumulated funds.*
4. *Changes should be approved by the UIS Bureau meeting.*

Finally, it should be noted an incredible amount of hard work has been done by Pavel Bosák, the General Secretary, and the Auditors would like to express their thanks and admiration and to compliment him on the quality of his information.

Jan Tulis, Andy Eavis, 17 August, 1997

Approving voting resulted as follows: 42 votes for acceptance.

At the end of voting procedure it could be stated that the audit report was accepted as it obtained absolute majority of votes approving properly evidenced financing of the UIS.

The elections of the New UIS Bureau. There were the only candidate for the position of the UIS President (Mrs. J.M. James, Australia), five nominations for the UIS Vice-Presidents (P. Beron, Bulgaria, A.

Eavis, Great Britain, A. Klimchouk, Ukraine, A. Labegalini, Brazil, and C. Mouret, France), the only nomination to the UIS Secretary General (P. Bosák, Czech Republic), and ten nominations for UIS Secretaries Adjoin (S. Craven, South African Republic, G. Huppert, USA, A. Klimchouk, Ukraine, R. Ko, Indonesia, A. Labegalini, Brazil, C. Mouret, France, Song lin hua, China, F. Urbani, Venezuela, A. Vale, Puerto Rico, and U. Widmer, Switzerland).

The UIS President - Mrs. Julia Mary James of Australia - was elected in the first round obtaining 40 votes with 2 abstentions. The UIS Vice-Presidents were elected in two rounds. The Senior Vice-President - Andrew Eavis of Great Britain - was elected in the first round by 27 votes, representing necessary absolute majority. Claude Mouret of France was elected the UIS Vice-President in the second round obtaining relative majority of 18 votes from 41 valid and one invalid votes collected. The UIS Secretary General - Pavel Bosák of Czech Republic - was elected in the first round obtaining 39 votes, i.e. absolute majority of votes. The UIS Secretaries Adjoin were elected in the first round, all obtaining necessary absolute majority of votes: Stephan Craven of South African Republic (27 votes), George Huppert of USA (30 votes), Aleksander Klimchouk of Ukraine (32 votes), R. K.-T. Ko of Indonesia (23 votes), Ayrton Labegalini of Brazil (34 votes), Franco Urbani of Venezuela (29 votes), Abel Vale of Puerto Rico (26 votes), and Urs Widmer of Switzerland (27 votes).

During the elections, two statements were presented by the UIS Past-President - Arrigo A. Cigna (Italy). The first concerned by the fact that in the opening ceremony of the first session of the Assembly General it was stated that only Hubert Trimmel (Austria) is the only present person who attended all International Congresses of Speleology. The other person is present here, i.e. Mrs. Anne Petrochilos from Greece:

I feel happy to report here an additional information concerning the endangered species of the people who participated to all International Congresses of Speleology since the first one in Paris. Contrarily to what has been reported at the opening of this Congress, not only Hubert Trimmel belongs to this very precious category but also to Anne Petrochilos must be acknowledged the special characteristic of participant to all the International Congresses of Speleology organised up to now.

Mrs. Petrochilos was welcomed by a round of applause.

The second statement concerned the memory of Salvatore Dell'Oca of Italy who died:

Unfortunately I have to give you another information which is not a good one as that I reported above. Two years ago we missed Salvatore Dell'Oca, who had such an important role in the development of speleology both in Italy and Europe because he was the founder, the publisher and the sponsor of Rassegna Speleologica Italiana from 1949 to 1973; his obituary will be found in the next issue of the UIS-BULLETIN.

Elections of the country organising the 13th International Congress of Speleology 2001.

Portugal cancelled its candidature. Delegates voted by 23 votes of 43 for Brazil, Australia obtained 20 votes.

The Statement of the new UIS President was presented by Julia Mary James and her speech was translated to French and Spanish. Mrs. James proposed to elect Paolo Forti, UIS Past-President as the UIS Honorary President which motion was accepted by 39 votes.

As the UIS Bureau obtained delayed demand of Armenia to become the UIS member-country. The General Assembly voted for the membership as follows: 38 votes for. The Armenia was accepted as the member-country.

The World Day of Speleology. The August 14 was proposed to be the World Day of Speleology on the memory of Martin Loubens who died on August 14, 1952 exploring Gouffre de La Pierre Saint-Martin (France). A discussion appeared:

K. MacGregor (Canada) asked if we want to celebrate the accident. C. Mouret (France) then proposed to celebrate the birthday of Martel (nevertheless nobody new the proper date).

The voting procedure rejected the proposal of C. Mouret obtaining only 17 votes for, but 9 against and 9 abstentions. Then the voting rejected the idea of the World Day of Speleology in the original proposal by 2 votes for, 21 votes against with 13 abstentions.

Thanks of Brazilian community presented on the Congress for elections of BRAZIL 2001 for the next Congress.

The UIS President - Mrs. Julia Mary James - in a short conclusive speech declared the Assembly General as closed at about 2 p.m.

Documents approved by the General Assembly of the UIS, during the 12th International Congress of Speleology, La Chaux-de-Fonds, August 10-17, 1997

UIS Code of Ethics for Cave Exploration and Science in Foreign Countries

UIS support the international activities of speleological societies, caving groups and karst scientists because they are important for; discovering new caves and extending old caves; investigating their contents, for example, minerals, biota and archaeological and anthropological remains; distributing knowledge of karst and caves throughout the world; enabling the exchange of safe caving practices and assisting in the protection and preservation of caves and karst.

To avoid misunderstanding by indigenous and local people, government and local and national caving organisations in the country in which the proposed cave exploration or scientific investigation is to take place. The UIS Bureau has prepared the following recommendations.

1. Before leaving your country

In many cases it will be necessary to obtain official permission from the authorities in the country being visited. In addition, inform the national speleological organisation of the country to be visited, if there is no national organisation contact the UIS national delegate.

If possible organise joint expeditions with cavers from the country to be visited. The national speleological organisations will be familiar with the official requirements for visiting expeditions. They will be well-versed with the requirements for the lodging of expedition reports and other published material and the regulations pertaining to the removal of materials by the expedition from the caves and to other countries for scientific studies.

2. During expedition

The expedition members should respect the laws of the country and local traditions and understand that some caves may be sacred sites and be of religion and/or cultural significance; exploration and research studies in these caves may be restricted.

The expedition members should not damage either the karst or its caves. They should where possible educate and advise local communities in the protection and preservation of their karst and caves.

3. After the expedition

Samples from the caves and karst collected by the expedition should only be taken out the cave and country if the correct export procedures are followed and their export is permitted.

Copies of all printed material produced by the expedition, together with the location and maps of the caves should be sent to the participating caving clubs and the national speleological organisation and/or the UIS national delegate. Assistance received from the organisations within the country visited should be acknowledged in all the expedition publications.

4. The respect for the work of other groups

Before undertaking and expedition to a region, a group should do research on previous work or current explorations by local or foreign cavers, in order not to interfere with current projects.

Credit for previous explorations should be given in expedition reports.

If several groups happen to be working in the same area, then the opportunity should be taken to learn from each other and to co-ordinate further work.

Agreement of co-operation between the International Geographical Union (IGU) and the International Union of Speleology (UIS)

The International Geographical Union (IGU) and the International Union of Speleology (UIS) have reached an agreement to improve scientific cooperation

The UIS agrees to the proposed affiliation with the IGU. The IGU agrees to the proposed affiliation with the UIS.

The UIS regards this affiliation as an acknowledgement of the important role of the IGU in the development of geographical and environmental sciences, and as a method of close cooperation.

The IGU regards this affiliation as an acknowledgement of the significant contribution of the UIS to the exploration, documentation, and research activity in regions and environments with underground cavities, and particularly in areas with karst landforms.

Both Unions shall remain independent organisations. The affiliate status can be terminated by a decision of either party to the agreement.

Agreement has been reached on the following:

(1) The IGU wants to improve speleological and karstological research, encouraging physical geographers to work in a „Karst Commission“ or in a „Geomorphological Commission“ Comprising karstology as a very important topic, in co-operation with the UIS.

(2) One contact person will be nominated by the Executive Committee (Bureau) of each Union. These contact persons will, ex officio, become members of the IGU commission dealing with karst, and of one the UIS scientific commissions. They may be invited to attend the meetings of Executive Committee (Bureau) meetings of both Unions as non-voting members whenever matters of common interest are on the agenda.

(3) The Karst Commission of the IGU and scientific commission of the UIS will exchange newsletters.

(4) The commissions of both Unions will organise joint meetings in order to avoid duplication of expense and effort.

(5) One year before the congress of the IGU, the UIS will give its recommendations for the Karst Commission's programme for the following four years to the President and Executive Committee of the IGU.

(6) One year before the congress of the UIS, the IGU will give its suggestions for the UIS scientific commissions' programme for the following four years to the President and Bureau of the UIS.

(7) Both Unions will collaborate closely for a stronger involvement in, and representation on, all international programmes about conservation of natural environment, resources, cultural heritage and global changes with reference to the karst areas, especially within the International Council of Scientific Unions (ICSU) and all other governmental and non-governmental organisations.

(8) During the 1996 Congress of the IGU, the Karst Commission will organise its meeting in co-operation with the UIS. Similarly, during the 1997 Congress of the UIS, the UIS scientific commissions will endeavour to organise joint meetings with the IGU Karst Commission. This co-operation is expected to continue in the same way during future congresses.

This agreement of affiliation between the two Unions will be ratified by the General Assemblies of both Unions, by IGU in 1996, and by UIS in 1997.

International Geographical Union (IGU)
Place and date
Bern, 25.1. 1997

International Union of Speleology (UIS)
Place and date
La Chaux-de-Fonds, 17.8. 1997

The President
(Prof. Dr. Bruno Messerli)

The President
(Prof. Dr. Paolo Forti)

Inaugural UIS Prizes

To be awarded at the 12th International Congress of Speleology in La Chaux-de-Fonds, Switzerland, August 1997.

1. UIS prize for the most significant discovery May 1993 - May 1997 (USD 250)

Nominations for this prize are to be sent to the chair of the UIS Prizes Committee prior to May 1997. Late submissions can be made at the 12th International Congress of Speleology, La Chaux-de-Fonds, Switzerland. The UIS Bureau reserves the right to nominate additional discoveries for this prize.

2. The UIS prize for the most significant publication on a cave or karst topic published in 1993-1997 (inclusive) (USD 250)

Nominations for this prize should be sent to either the chair of the UIS Prizes Committee or to the Secretary General. From the nominations a short list will be prepared. Copies of the short-listed publications may be required for final judgement and display at the 12th International Congress of Speleology, La Chaux-de-Fonds, Switzerland.

3. UIS poster prize (USD 250)

This prize for the best poster display at 12th International Congress of Speleology, La Chaux-de-Fonds, Switzerland. The poster can be on any cave or karst topic. However, entries in the cave photographic and surveying competitions are ineligible for this prize.

The UIS prizes will be judged by a panel of international experts chaired by the senior Vice-President of UIS, Dr. Julia M. James. The prize together with a certificate will be awarded during the closing session at the 12th International Congress of Speleology, La Chaux-de-Fonds, Switzerland.

Table 1**Results of voting and elections**

First session of the Assembly General, August 10, 1997

	+	-	abst.	inv.	approved
<i>Minutes 1993</i>	26	1	0	0	yes
<i>Auditors</i>					
Jan Tulis	31	1	1	0	yes
Andrew Eavis	32	0	1	0	yes
<i>Commission for Elections</i>					
Hubert Trimmel	33	0	0	0	yes
Arrigo A. Cigna	33	0	0	0	yes
Nick White	32	0	1	0	yes

Table 2**Results of voting**

Second session of the Assembly General, August 17, 1997

	+	-	abst.	inv.	approved
<i>Approval of Commissions and Working Groups</i>					
Paleokarst and Speleochr. Protection	42	0	0	0	yes
Physico-Chemistry	39	0	0	0	yes
Caves in glaciers	40	0	0	0	yes
Volcanic caves	40	0	0	0	yes
Archaeology of caves	42	0	0	0	yes
Speleotherapy	41	0	0	0	yes
Artificial Cavities	41	0	0	0	yes
Hydrothermal Karst	37	1	3	0	yes
Hydrogeology and Speleogen.	40	0	0	0	yes
Bibliography	41	0	0	0	yes
Greatest Caves	39	0	2	0	yes
Karst Atlas	38	0	1	0	yes
Informatics Commission	40	0	0	0	yes
History of Speleology	42	0	0	0	yes
Cave Rescue	41	0	0	0	yes
Material-Techniques	42	0	0	0	yes
Cave Diving	42	0	0	0	yes
Education	42	0	0	0	yes
Children and Caving	42	0	0	0	yes
Cave Mineralogy	42	0	0	yes	
"Pseudokarst"	42	0	0	0	yes
<i>UIS Constitution</i>					
<i>UIS Code of Ethics</i>	40	0	2	0	yes
<i>Agreement with the IGU</i>	42	0	0	yes	
<i>Audit</i>	41	0	0	0	yes
<i>New membership</i>	42	0	0	0	yes
Armenia	38	0	0	0	yes
<i>World Day of Speleology</i>					
Martel birthday	17	9	9	0	no
14 August	2	21	13	0	no

Table 3

Results of elections

Second session of the Assembly General, August 17, 1997

	+	-	abst.	inv.	approved
<u>UIS Bureau elections</u>					
<i>President</i>					
Julia M. James	40	0	2	0	yes
<i>Vice-Presidents</i>					
Andrew Eavis	27	-	-	-	yes
Petar Beron	9	-	-	-	no
Aleksander Klimchouk	4	-	-	-	no
Ayrton Labegalini	10	-	-	-	no
Claude Mouret	18	-	-	-	yes
<i>Secretary General</i>					
Pavel Bosák	39	-	2	1	yes
<i>Secretaries Adjoin</i>					
Stephen Craven	27	-	-	-	yes
George Huppert	30	-	-	-	yes
Aleksander Klimchouk	32	-	-	-	yes
R. Ko	23	-	-	-	yes
Ayrton Labegalini	34	-	-	-	yes
Song Lin Hua	21	-	-	-	no
Franco Urbani	29	-	-	-	yes
Abel Vale	26	-	-	-	yes
Urs Widmer	27	-	-	-	yes
<i>Honorary President</i>					
Paolo Forti	39	0	0	0	yes
<u>Congress host country</u>					
Australia	20	-	-	-	no
Brazil	23	-	-	-	yes

The Report of the UIS Secretary General

August 10, 1997

Dear National Delegates,
Dear Congressists,
Ladies and Gentlemen,
Distinguished Guests

It is a traditional duty of the UIS Secretary General, to present a short but exhaustive report on the activity of the UIS Bureau and the UIS Secretary General to the Assembly General. The task seems to be simple, but only up to the moment when you start to compile it. At the present time, my task is relatively more simple, as the UIS Bureau informed regularly on its activities and resolutions in the UIS Bulletin, in a part named - The UIS Life. Copies of Minutes from all sessions, except the last one which was held yesterday, you will kindly find in your materials prepared to the agenda of the Assembly General. Therefore, I will comment only highly important items.

The Report concerns the time period from August 1993 when the Assembly General during the 11th International Congress of Speleology elected the new UIS Bureau up to the present time. The Report finishes by August 6, 1997.

The UIS Bureau acted in a following composition: Paolo Forti (Italy) as the President, Julia Mary James (Australia) as the First Vice-President, Ayrton Labegalini (Brazil) as Vice-President and Petar Kirilov Beron (Bulgaria), Stephen A. Craven (Republic of South Africa), James Andrew Eavis (United Kingdom), Aleksander Klimchouk (Ukraine), David Luckins (USA), José G. Palacios Vargas (Mexico), Urs Widmer

(Switzerland) and Zhang Shouyue (People's Republic of China) as Secretaries Adjoin. The Report was prepared by Pavel Bosák (Czech Republic), the UIS Secretary General.

The UIS Bureau met five times, i.e. in September 1993 in Postojna (Slovenia), in November 1994 in Jedovnice (Czech Republic), in October 1995 in Breitenbach (Switzerland), in August 1996 in Salida (Colorado, USA), and finally in August 1997 here in La Chaux-de-Fonds, yesterday.

The UIS consists now of representatives of 60 member countries from all continents. Nevertheless the UIS Bureau has no contacts for a long time with some of those countries, i.e. with Denmark, Ireland, Colombia, Dominican Republic, Peru or Tunisia and Malaysia which have also substantial financial debts concerning the annual contributions. Totally, the debts of member countries in annual payments are nearly 5,000 USD now. I have to admit, that the form of correspondence with member countries via national delegates is sometimes very problematic, especially when there are several so-called national federations or associations in the country. In some countries the legality of so-called elected or selected national delegate(s) is questionable, e.g. in Albania.

The UIS Bureau focused its main efforts to solution of several problems and tasks, e.g. relations with UNESCO, financial state-of-the-art, UIS Constitution (Statute), Commissions and Working Groups, UIS future, Code of Ethics, co-operation with other non-governmental institutions, connection to national delegates. Common operational agenda was discussed, too.

The finances. The UIS at this moment has one account in USD in the Czech Republic and one bank book in ATS in Austria. The two bank accounts in Liege (Belgium) were cancelled in 1994 and the sum of 940 USD was transferred to Czech Republic. The bank account in Vienna (Austria) was transferred to bank book as a financial reserve of the UIS. From Belgium, totally 940 USD was transferred. It was the starting point. At the present time, the account totals 13,046,13 USD when the total income was 23,042.90 USD and total expenses reached the sum of 9,996.77 USD. From the income, annual member state contributions and per capita payment from the 11th International Congress of Speleology were 18,799.29 USD. From payments, the most important sum was the transfer of USD to CZK in a total sum of 5,836.20 USD, i.e. 163,591.60 CZK. The total income in CZK was 191,933.90 CZK and payments totalled the sum of 191,606.10 CZK, resting in a cash 327.80 CZK (i.e. about 10 USD). From the expenses in CZK, the most substantial was the print of five numbers of the UIS Bulletin, vols. 39 to 43 in a total amount of 80,000.00 CZK and mailing expenses in a sum of 96,173.50 CZK. The state of the ATS bank book will be presented by Hubert Trimmel. It can be stated, that the increase in annual contributions brought the effect together with lowered expenses, especially concerning the print of the UIS Bulletin which decreased from about 7,400 USD in 1989-1993 to about 2,750 USD in 1993-1997. Nevertheless, the mailing costs remained the same (about 3,500 USD in both periods). The use of electronic post can help to keep these costs also in the future in not increasing trend. Big reserves are in payments of Congress and Symposia taxes, as adopted on 8th International Congress of Speleology in Bowling Green, which could be a substantial way of financial support of the UIS activities.

Commissions and Working Groups. The structure of UIS Commissions and Working Groups was traditionally the same as in the past. A lot of Commissions and Working Groups worked nicely with substantial outputs (publications, organised symposia, conferences, field trips, etc.). As an example, the UIS Commission on Bibliography can be mentioned here. The progress in bibliography and publication of BBS is worth of mentioning. The BBS joined with Current Titles, originally edited in the United Kingdom, which is an extraordinary effort for the UIS.

Nevertheless, some Commission were completely inactive with no or very limited contact with the UIS Bureau, e.g. Commission on Atlas of Karst Regions, Commission on Speleological Education and Commission on History of Speleology, which did not deliver even their Summary Reports for 1993-1997, and which should be cancelled.

The UIS Bureau proposed to distinguish Commissions to Permanent and Temporary (ad hoc). Temporary Commissions should be established for the solution of well-defined projects and should be time-limited in their life. Also the number of the Departments should be decreased or abandoned. One new Working Group was established in 1994- Karst Hydrogeology and Speleogenesis managed by Aleksander Klimchouk from Ukraine.

Informatics Commission offers the WWW pages of the UIS, which are not exhausted now in a proper manner from a majority of the UIS officials and UIS Commissions/Working Group managers. Concerning the Commissions, the UIS Bureau obtained a resignation letters from Dr. William R. Halliday (Commission on Volcanic Caves), Dr. Reno Bernasconi (Commission on Bibliography), Prof. Dr. France Habe (Commission on Protection .. etc.) and Dr. Friedrich Oedl (Advisory Committee). Those Commissions and Committees have to elect new Presidents, as well as other Commissions without the President (e.g. Commission on Touristic Caves).

Relations with UNESCO. The relation with cultural and educational organisation of the United Nations is completely unclear. Personal relations were minimised as any of the UIS Bureau members had no possibility

to appear in the UNESCO centres in Paris or Genève regularly. After the evaluation of the UNESCO activity report for last 6 years (1989-1994) and the co-operation with non-governmental institutions, the UNESCO adopted different type of co-operation with NGO's and abandoned the system of categories C to A. All materials of the UIS were lost during this procedure, so the UNESCO decided that the UIS as no interest to co-operate. The UIS was therefore shifted to the category with informal relations, i.e. with no relations. The Secretary General tried to improve the situation and sent to respective UNESCO officers a copy of all the agenda delivered to them in 1994. Unfortunately, no explanation appeared, no excuse was expressed from them. The co-operation with UNESCO and the press to renewal of formal relations will be the task of the next Bureau.

The UIS Bulletin. The Bulletin was published annually in one double number (one volume), Vol. 39 in 1994, Vol. 40 in 1995, Vol. 41 in 1996. In 1997, there were published No. 1 (Vol. 42) in February and No. 2 (Vol. 43) in July. Totally 2,100 copies has been printed for each volume and distributed to approximately 1,800 addresses available in the UIS Data Base. Resting about 200 copies are distributed personally to caving clubs in Europe. The costs of each volume increased from 0.19 USD in 1994 to 0.30 USD in 1997 per one copy. The mailing expenses are nearly the same as the cost of the Bulletin production.

The UIS Code of Ethics. The UIS Bureau prepared the Ethic Code in a very short, simple, and clear manner to be understandable for all cavers. The material was published in the UIS Bulletin and we hope to be approved by the Assembly General and that it will be a living material for all of us.

The UIS Constitution. The UIS Constitution (Statute) was prepared in 1965 with minor changes in 1969 and 1981. The state of the Constitution was not uniform, a part of the text was in French and motions from 1981 were in English as an amendment not integrally included in the French text. Therefore, the Bureau decided already in 1993 to improve the Constitution and to integrate it into one uniform document. There were implemented also some other ideas, e.g. affiliated membership of institutions, based on a lot of demands. Finally, the text was approved by the Advisory Committee on June 1996. This version is prepared for the approval.

The UIS future. The future of our non-governmental organisation was the notorious theme of the UIS Bureau session in the past period. The UIS has all disadvantages of the international body which "collects" all cavers (speleologists) of the whole World. For sportive cavers the UIS is too much scientific, for karstologists the UIS is not too much scientific. Therefore in the past about 10-15 years, cave scientists limited their activity within the UIS, establishing karst commissions and working groups at e.g. International Geographical Union (IGU), International Union of Conservation of Nature (IUCN), International Association of Hydrogeologists (AIH) and in other international bodies. Owing to its character, the UIS has the only chance is to tight relations among cavers (focused both to sports, science, tourism or only to enjoy caving) and co-operate with other non-governmental organisation (as IGU) and governmental institutions offering the potential of normal cavers to the solution of economic and social problems of specific regions and of our planet.

The activity of the UIS, its bodies and member countries can be deciphered from the List of Events, regularly published in the UIS Bulletin and in other speleological magazines, journals and newsletters. There were organised several tens of events each year, some of them very important and internationally acknowledged (e.g. symposia on volcanic caves, conferences on glacier caves, conferences on speleotherapy), some of them with local or regional importance. Nevertheless, only a few of them were organised under the auspices of the UIS or of the UIS body, which is probably caused by the motion from Bowling Green concerning the per capita payments to the UIS budget.

Dear Colleagues, I hope that I gave you information concerning the most important topics of the UIS life. Commentary to some of our activities will be added to explanation of proposed motions in some of next agenda points.

August 17, 1997

During the Congress, the UIS Bureau had 3 sessions (on August 11, 15 and 16). It dealt with proposal of the Statute improvements and changes. It was stated to deal only with the UIS Bureau proposal and it was decided to establish Commission on the Statute. UIS Bureau obtained the attachment to the Code of Ethics. There is a proposal to establish the August 14 as a World Day of Speleology.

In my report on August 10, I forgot to mention that in between Congresses two karst objects were included into the UNESCO World Heritage List, i.e. the underground world of Aggtelek and Slovak Karsts (Hungary and Slovakia) and the Carlsbad Cavern National Park (USA). A lot of preparation was made to include also Yunnan Stone Forest (China) to this list.

The UIS Bureau according to paragraph A of the additions to the Statute, decided to propose to cancel the membership of following countries: Columbia, Denmark, Dominican Republic, Peru and Tunisia for long-lasting debts and inactivity.

UIS PRIZE LIST

Most Significant Publication on a Cave or Karst Topic

Five judges from France, Austria, South Africa, and two from the United States. The criteria that the judges used for their assessments are attached at the end of this document. I was assisted in the task of preparing these by Emily Davis Mobley and Red Watson, who have my sincere thanks.

Three books featured in the finals they were: *Cave Minerals of the World* by C. Hill and P. Forti - score 77, *Images below* by C. Howes score 75, *Caves (Processes, Development, Management)* by David Gillieson score 75

Because of the closeness of the average scores and that the judges order varied. It was decided by the committee to divide the prize between the three finalists in the ratio 3:1:1

Many excellent publications on specific karst areas were excluded by the criteria used and it was felt unanimously by the judges that in the future two prizes should be awarded.

New rules for these prizes will be published in the UIS bulletin well in advance of Brazil 2001.

Criteria for judging - Score your top three selections out of a total possible 100 points as follows:

TOPIC 10 possible points

5 points Is the book a list or catalogue only or does it contain significant discussion and results?

5 points Does it contain substantial new material?

SIGNIFICANCE 30 possible points

10 points Is the book of global significance?

10 points Will the book be cited extensively in the speleological literature?

10 points Is the book of interdisciplinary significance ?

VISUAL 10 possible points

5 points Is the cover - indicative of the subject matter ? - well designed?

5 points Are the photographs, drawings, etc. illustrative of the text? - well focused or clearly designed? - well printed? - if colour photographs good colour balance? - if black and white photos, good contrast?

PRODUCTION 30 possible points

5 points - Table of contents, bibliography, references, index, errata

5 points - Binding (glued, sewn?) will the book fall apart when read?

5 points - Book design (appropriate? attractive?) size shape, length of text

5 points - Page makeup, margins, arrangement of text photographs, diagrams, maps

5 points - Typeface (Legible? appropriate? attractive? too large? too small?)

5 points - Proof reading? obvious errors in book?

READABILITY 10 possible points Use either A or B but not both

A. If the book is in your first language, is grammar, vocabulary, writing style, etc. appropriate and attractive?

B. If the book is not in your first language, how informative, useful, understandable, etc. is it to some one who cannot read the text?

INNOVATION 10 possible points - anything innovative

Most Significant Speleological Discovery

Judges from Canada, France, Ukraine, USA and United Kingdom.

First Prize

Muruk - New Britain - French exploration team 12 points

For its remoteness, difficult logistics, first deep cave of the southern hemisphere (over 1,000 m.). International team. Articles in colour both in French and English.

Equal Second Prize

Optimistic Cave, Ukraine - Ukrainian exploration team 6 points

Ogaf Draenen, UK - British exploration team 6 points

Optimistic Cave, Ukraine - over 200 km; important youth contribution to exploration.

Ogaf Draenen, UK - to 60 km in 3 years. Efficient exploration and scientific studies.

Other caves that gained points were.

... *Gunung Buda, Sarawak, Malaysia* - USA/Malaysian

... *Quartzite shafts, Chimanimani Mountains, Zimbabwe* - South African Speleological Society

... *Exploration beyond the sump in Systema Huatla* - USA/Mexican

... *Cueva de Rio la Venta, Mexico* - Italian

Best Poster

6 Judges from Switzerland, UK, USA, Canada, Norway, Italy.
Decision Unanimous
Avenul de sub Coltii Grindului - Deepest cave in Romania (-540 m) - Spencer Coca, University of Salzburg
Eye catching; bright; good, brief and to the point information; use of photographs and maps; references.

Julia James

UIS Bureau 1997-2001

Honorary Presidents

Paolo FORTI (Italy)
Hubert TRIMMEL (Austria)

President

Mrs. Julia Mary JAMES (Australia)

Vice-Presidents

Andrew James EAVIS (Great Britain)
Claude MOURET (France)

Secretary General

Pavel BOSÁK (Czech Republic)

Secretaries Adjoin

Stephen A. CRAVEN (South-Africa)
George HUPPERT (USA)
Aleksander KLIMCHOUK (Ukraine)
R.T.K. KO (Indonesia)
Jose Ayrton LABEGALINI (Brazil)
Franco URBANI (Venezuela)
Abel VALE (Puerto Rico)
Urs WIDMER (Switzerland)

UIS Past-Presidents

Arrigo A. CIGNA (Italy)
Adolfo ERASO ROMERO (Spain)
Derek C. FORD (Canada)
Paolo FORTI (Italy)
Hubert TRIMMEL (Austria)

UIS Bureau Honorary Members

Arrigo A. CIGNA (Italy)
Maurice AUDÉTAT (Switzerland)
Adolfo ERASO ROMERO (Spain)
Vladimír PANOŠ (Czech Republic)
Reno BERNASCONI (Switzerland)
Hubert TRIMMEL (Austria)
Paolo FORTI (Italy)

UIS Departments, Commissions, and Working Groups

The Commissions and Working Groups are where the actual speleological work is done. Anyone who wants to contribute is invited to collaborate in the work of a commission under the co-ordination of its President.

<http://rubens.its.unimelb.edu.au/~pgm/uis/comms.html>

Departments:

Protection and Management
Research

Documentation
Exploration
Education
Advisory Committee

Department of Protection and Management.

Département de la Protection.

Honorary President: France HABE, Slovenia
President: Jean-Pierre BARTHOLEYNS, Belgium

COMMISSION ON PROTECTION, MANAGEMENT AND TOURISM
COMMISSION POUR LA PROTECTION, L'EXPLOITATION ET LE TOURISME
Presidents: Jean-Pierre BARTHOLEYNS, Belgium

COMMISSION ON SHOW CAVES
COMMISSION POUR LE GROTTEES AMENAGÉES
Co-Presidents: Ernst HOLLAND and Paul DUBOIS

Department of Research

Département de la Recherche Scientifique

COMMISSION ON PHYSICAL CHEMISTRY AND HYDROGEOLOGY OF KARST
COMMISSION DE LA PHYSICO-CHIMIE ET DE L'HYDROGÉOLOGIE DU KARST
President: Yavor Y. SHOPOV, Bulgaria

COMMISSION ON PALEOKARST AND SPELEOCHRONOLOGY
COMMISSION DU PALÉOKARST ET DE LA SPÉLÉOCHRONOLOGIE.
President: Stein-Erik LAURITZEN, Norway

COMMISSION ON GLACIER CAVES AND KARST IN POLAR REGIONS
COMMISSION DES GROTTEES EN GLACIÈRES ET DU KARST DES RÉGIONS POLAIRES.
President: Adolfo ERASO ROMERO, Spain

WORKING GROUP ON EXPERIMENTAL CATCHMENT AREAS IN KARST
GRUPO DE TRABAJO INTERNACIONAL SOBRE CUENCAS EXPERIMENTALES EN EL
KARST (GTICEK)
(Commission suspended pending IGU and IAH liaison.)
President: Adolfo ERASO ROMERO, Spain

COMMISSION ON VOLCANIC CAVES
COMMISSION DES GROTTEES VOLCANIQUES.
President: William HALLIDAY, USA (1997-February 1998)
President: Jan Paul van der PAS, Netherlands (since February 1998)

WORKING GROUP ON HYDROTHERMAL KARST
GROUPE DE TRAVAIL: KARST HYDROTHERMALE
President: Yuri Viktorovich DUBLYANSKY, Russia

COMMISSION ON HYDROGEOLOGY AND SPELEOGENESIS OF KARST
COMMISSION POUR LE HYDROGÉOLOGIE ET SPÉLEOGENIE DU KARST
President: Alexander KLIMCHOUK, Ukraine

COMMISSION ON CAVE MINERALOGY
COMMISSION POUR LA MINÉRALOGIE DANS LES GROTTEES
President: Carol HILL, USA

COMMISSION ON „PSEUDOKARST“
COMMISSION DU „PSEUDOKARST“
Honorary President: Jiří KOPECKÝ, Czech Republic

President: István ESZTERHÁS, Hungary
Secretary: Tiberiu TULUCAN, Romania

COMMISSION ON ARCHEOLOGY AND PALEONTOLOGY IN CAVES
COMMISSION POUR L'ARCHÉOLOGIE ET LA PALÉONTOLOGIE DANS LES GROTTES
Presidents: Roman HAPKA, Switzerland; David HUBBARD, USA

COMMISSION ON SPELEOTHERAPY
COMMISSION DE SPÉLÉOTHERAPIE
President: Svetozár DLUHOLUCKÝ, Slovakia

COMMISSION ON ARTIFICIAL CAVITIES
COMMISSION DES CAVITÉS ARTIFICIELLES
President: Joep ORBONS, Netherlands

Department of Documentation
Département de la documentation

COMMISSION OF BIBLIOGRAPHY COMMISSION
COMMISSION DE LA BIBLIOGRAPHIE
President: vacant
Caretaker President: Reno BERNASCONI, Switzerland

COMMISSION ON LONGEST AND DEEPEST CAVES
COMMISSION DES GRANDES CAVITÉS
Presidents: Claude CHABERT, France; Philippe DROUIN, France; Alan WARILD, Australia

COMMISSION ATLAS OF KARST REGIONS
COMMISSION POUR L'ATLAS DES RÉGIONS KARSTIQUES
President: Karl-Heinz PFEFFER, Germany

INFORMATICS COMMISSION
COMMISSION POUR L'INFORMATIQUE
President: Peter MATTHEWS, Australia
WORKING GROUP: SURVEY AND MAPPING
GROUPE DE TRAVAIL: TOPOGRAPHIE ET DESSIN
President: Philipp HÄUSELMANN, Switzerland

COMMISSION ON HISTORY OF SPELEOLOGY
COMMISSION POUR L'HISTOIRE DE LA SPÉLÉOLOGIE
President: Karl MAIS, Austria

Department of Exploration
Département de l'exploration

COMMISSION OF CAVE RESCUE
COMMISSION DE SPÉLÉO-SECOUR
President: André SLAGMOLEN, Belgium

COMMISSION ON MATERIALS AND TECHNIQUES
COMMISSION DE MATÉRIEL ET TECHNIQUES
President: David McCLURG, USA

CAVE DIVING COMMISSION
COMMISSION DE LA PLONGÉE SOUTERRAINE
President: Jean-Jacques BOLANZ, Italy

Department of Education and Teaching
Département de l'Enseignement spéléologique
President" Marcel MEYSSONIER, France

COMMISSION OF SPELEOLOGICAL EDUCATION
COMMISSION DE L'ENSEIGNEMENT SPÉLÉOLOGIQUE
President: Marcel MEYSSONIER, France

WORKING GROUP: CHILDREN AND CAVING
GRUPPE DE TRAVAIL: EDUCATION SCHOLAIRE EN SPÉLÉOLOGIE
Presidents: Jakky SANGSTER, USA; Nataliya YABLOKOVA, Ukraine

ADVISORY COMMITTEE
COMITÉ CONSULTATIF
Members (in alphabetic order):
Arrigo A. CIGNA, Italy
James Andrew EAVIS, Great Britain
Alain MANGIN, France
Friedrich OEDL, Austria
Franco URBANI, Venezuela

COMMISSION ON CONSTITUTION
COMMISSION DU STATUTS
President: Claude MOURET, France

National Delegates and Substitutes

Albanie-Albania

Délégué titulaire: Gezim URUCI
Délégué suppléant: Farudin KRUTAJ
Membre votant: Farudin KRUTAJ

Algérie-Algeria

Délégué titulaire
Délégué suppléant
Membre votant

Allemande-Federal Republic of Germany

Délégué titulaire: Michal LAUMANNNS
Délégué suppléant: Guido HOFFMANN
Membre votant: Guido HOFMANN

Argentine-Argentina

Délégué titulaire: Gabriel Jose REDONTE
Délégué suppléant: Dolores GATICA
Membre votant: Gabriel Jose Redonte

Arménie-Armenia

Délégué titulaire:
Délégué suppléant:
Membre votant:

Australie-Australia

Délégué titulaire: Julia Mary JAMES
Délégué suppléant: Nicholas WHITE
Membre votant: Nicholas WHITE

Autriche-Austria

Délégué titulaire: Friedrich OEDL
Délégué suppléant: Günther STÜMMER
Membre votant: Friedrich OEDL

Belgique-Belgium

Délégué titulaire: Alphonse DOEMEN
Délégué suppléant: Jan VLOEBERGS
Membre votant: Jan VLOEBERGS

Bolivie-Bolivia

Délégué titulaire
Délégué suppléant
Membre votant

Bosnie et Herzégovine-Bosnia and Herzegovina

Délégué titulaire: Jasminko MULAOMEROVIÈ
Délégué suppléant
Membre votant: Jan Paul van der PAS (NL)

Brésil-Brazil

Délégué titulaire: José Ayrton LABEGALINI
Délégué suppléant: Augusto S. AULER
Membre votant: José Ayrton LABEGALINI

Bulgarie-Bulgaria

Délégué titulaire: Petar Kirilov BERON
Délégué suppléant: Alexei YALOV
Membre votant: Petar Kirolov BERON

Canada

Délégué titulaire: Daniel CARON
Délégué suppléant
Membre votant: Kirk MacGREGOR (CAN)

Chine, République Populaire - Peoples Republic of China

Délégué titulaire: ZHANG Shouyue
Délégué suppléant
Membre votant: ZHANG Shouyue

Costarica-Costa Rica

Délégué titulaire: Guillermo CORTES PADILLA
Délégué suppléant: Franklin CHANTO DURAN
Membre votant: José PALACIOS VARGAS (Mex.)

Croatie-Croatia

Délégué titulaire: Mladen GARAŠIÈ
Délégué suppléant: Tihomir KOVAÈEVIÈ
Membre votant: Mladen GARAŠIÈ

Cuba

Délégué titulaire: Antonio NUÑEZ JIMÉNEZ
Délégué suppléant: Roberto GUTIEREZ DOMECH
Membre votant: Alyonzo Roberto EMPEDRI (CU)

Espagne-Spain

Délégué titulaire: José Luis MEMBRADO
Délégué suppléant: Miguel BUENO
Membre votant: Francisco M. MARTINEZ GARCIA (E)

Etats-Unis -USA

Délégué titulaire: David LUCKINS
Délégué suppléant
Membre votant: Douglas MEDVILLE (USA)

France

Délégué titulaire: Claude MOURET
Délégué suppléant
Membre votant: Claude MOURET

Grande-Bretagne - United Kingdom

Délégué titulaire: Andy J. EAVIS
Délégué suppléant
Membre votant: Andy J. EAVIS

Grèce-Greece

Délégué titulaire: Anne PETROCHILOU
Délégué suppléant: Nik. SIMEONIDIS
Membre votant: Anne PETROCHILOU

Hongrie-Hungary

Délégué titulaire: Attila KÓSA
Délégué suppléant:
Membre votant:

Inde-India

Délégué titulaire: M. Narayna REDDY

Délégué suppléant

Membre votant

Indonesie-Indonesia

Délégué titulaire: M.R.K.T. KO

Délégué suppléant: Suwesta WIGNYAKUTA JI

Membre votant: Nicholas J. WHITE (USA)

Irlande-Ireland

Délégué titulaire

Délégué suppléant

Membre votant: Andy J. EAVIS (GB)

Islande-Iceland

Délégué titulaire: Sigurdur Svein JÓNSSON

Délégué suppléant

Membre votant

Israel

Délégué titulaire: Amos FRUMKIN

Délégué suppléant

Membre votant: Amos FRUMKIN

Italie-Italia

Délégué titulaire: Arrigo A CIGNA

Délégué suppléant: Franco CUCCHI

Membre votant: Arrigo A. CIGNA

Japon-Japan

Délégué titulaire: Shun-Ichi UÉNO

Délégué suppléant: Naruhiko KASHIMA

Membre votant: Shun-Ichi UÉNO

Liban-Lebanon

Délégué titulaire: Hughues BADAOUI

Délégué suppléant: Fadi NADER

Membre votant: Fadi NADER

Lithuanie-Lithuania

Délégué titulaire: Encas LAICONAS

Délégué suppléant

Membre votant

Luxembourg

Délégué titulaire: Claude BOES

Délégué suppléant: Frank ERNZER

Membre votant: Claude BOES

Malaysie-Malaysia

Délégué titulaire

Délégué suppléant

Membre votant

Méxique-Mexico

Délégué titulaire: José PALACIOS VARGAS

Délégué suppléant: José Antonio GAMBOA V.

Membre votant: José PALACIOS VARGAS

Namibia

Délégué titulaire

Délégué suppléant

Membre votant

Norvège-Norway

Délégué titulaire: Age KARLSEN

Délégué suppléant

Membre votant: Henriette LINGE (N)

Nouvelle-Zelande - New Zealand

Délégué titulaire: Paul W. WILLIAMS

Délégué suppléant

Membre votant: Paul W. WILLIAMS

Pays-Bas - the Netherlands

Délégué titulaire: Jan Paul van der PAS

Délégué suppléant

Membre votant: Jan Paul van der PAS

Pologne-Poland

Délégué titulaire: Micha³ GRADZIŃSKI

Délégué suppléant: Jerzy GŁAZEK

Membre votant: Micha³ GRADZIŃSKI

Portugal

Délégué titulaire: Orlando Caetano CORDEIRO

Délégué suppléant: José Antonio CRISPIM

Membre votant: Orlando Antonio CORDEIRO

Puerto-Rico - Portorico

Délégué titulaire: Abel VALE

Délégué suppléant

Membre votant: Abel VALE

République de l'Afrique Sud-South African Republic

Délégué titulaire: Stephen A. CRAVEN

Délégué suppléant

Membre votant: Stephen A. CRAVEN

République du Corée-Korean Republic

Délégué titulaire: Byung-Hoon LEE

Délégué suppléant: Kyung Sik WOO

Membre votant

Républic Tchèque-Czech Republic

Délégué titulaire: Michal PIŠKULA

Délégué suppléant: David HAVLÍÈEK

Membre votant: David HAVLÍÈEK

Roumanie-Romania

Délégué titulaire: Iosif VIEHMANN

Délégué suppléant: Michai BOTEZ

Membre votant: Iosip VIEHMANN

Russie-Russia

Délégué titulaire: Bulat MAVLYUDOV

Délégué suppléant: Grigori SIGALOV

Membre votant: Bulat MAVLYUDOV

Slovaqui-Slovakia

Délégué titulaire: Ján TULIS

Délégué suppléant

Membre votant: Ján TULIS

Slovénie-Slovenia

Délégué titulaire: Andrej MIHEVC

Délégué suppléant: Dorotea VERSA

Membre votant: Andrej MIHEVC

Suède-Sweden

Délégué titulaire: Rabbe SJÖBERG

Délégué suppléant: Anders LINDÉN

Membre votant: Anders LINDÉN

Suisse-Switzerland

Délégué titulaire: Roberto BUZZINI

Délégué suppléant: René SCHERRER

Membre votant: René SCHERRER

Turqui-Turkey

Délégué titulaire: Bihan ALTAY

Délégué suppléant: Beril BASKURT

Membre votant: Bihan ALTAY

Ukraine

Délégué titulaire: Aleksander KLIMCHOUK

Délégué suppléant: Josef ZIMELS
Membre votant: Aleksander KLIMCHOUK

Uzbekistan

Délégué titulaire: Vladimir DOLGYI
Délégué suppléant
Membre votant

Vénézuela-Venezuela

Délégué titulaire: Franco URBANI
Délégué suppléant: Ilich RAMÍREZ
Membre votant: Franco URBANI

Vietnam

Délégué titulaire: Pham KANG
Délégué suppléant
Membre votant

UIS Address-List

Addresses of members and honorary members of the UIS Bureau and Presidents of the UIS Commissions and Working Groups.

<http://rubens.its.unimelb.edu.au/~pgm/uis/address.html>

ALTAY, Bihan

1.Cad.7sok.21/2, Behcelievler, Ankara, Turkey
Magara Arastirma Derneg, Cave Research Association, PK.370 Yenisehir, 06445/Ankara, Turkey
Fax: ++90-312-4350488
E-mail: baltay@saglik01.saglik.gov.tr

AUDETAT, Maurice

10, Avenue de Neuchâtel, CH-1450 Sainte-Croix, Switzerland

AULER, Augusto S.

Sociedad Brasileira de Espeleologia, Rua Minas Gerais, 221, Cx. Postal 56, CEP 37580-000 Monte Siao, MG, Brazil
Tel./Fax.: (035) 465-2041

BADAoui, Hugues

Spéléo-Club du Liban, P.O. Box 70-923, Antelias, Lebanon

BARTHOLEYNS, Jean-Pierre

c/o Commission Wallonne d'Etude et de Protection des Sites Souterrains, av. Rodin 21, B-1050 Bruxelles, Belgium
Home: Patrijzenstraat, 16, B-3078 Everberg, Belgium
Tel.: ++32-2-7599201

BASKURT, Beril

Magara Arastirma Derneg, Cave Research Association, PK.370 Yenisehir, 06445/Ankara, Turkey
Fax: ++90-312-4350488

BERNASCONI, Dr. Reno

Hofwilstrasse 9, CH-3053, Münchenbuchsee, Switzerland
Fax: ++41-31-869 1919.

BERON, Prof. Dr. Petar Kirilov

Natural History Museum, Bul. Tsar Osvoboditel 1, 1000 Sofia, Bulgaria
Tel. (office): ++359-2-882894
Tel. (home): ++359-2-622225

BOES, Claude

9, Avenue Salentiny, 9080 Ettelbruck, Luxembourg
Tel. ++35-2-810571

BOLANZ, Jean-Jacques

Losiardes 8, CH-1000 Lausanne 26, Switzerland
E-mail: skipah@vtx.ch

BOSÁK, Dr. Pavel

Hlavní 2732/145, CZ-141 00 Praha 4, Czech Republic (home)

Work: Institute of Geology, Academy of Sciences of the Czech Republic, Rozvojová 135, CZ-165 02 Praha 6, Czech Republic

Tel. (office): ++420-2-209 22 392

Tel. (home): ++420-2- 76 51 444

Tel. (mobile): ++420-603-83 41 88

Fax (office): ++420-2-24 31 15 78

Fax (Cz. Speleol. Soc.): ++420-2-697 00 12

E-mail: bosak@gli.cas.cz, inst@gli.cas.cz

BOTEZ, Mihai

Romanian Speleological Federation, Piata 14 Iulie, nr. 4, 3400 Cluj Napoca, Romania

Tel./Fax: ++40-64-187657

Fax: ++40-64-433623

E-mail: speo@mail.soroscj.ro

BURRI, Prof. Ezio - *Editor of the International Journal of Speleology, Physical Speleology*

Department of Environmental Sciences, University of L'Aquila, Via Vetoio-Loc. Coppito, I-67100 L'Aquila, Italy

Tel.: ++39-862-43 32 22

Fax: ++39-862-43 32 05

E-mail: burri@aquila.infn.it

BUZZINI, Roberto

Swiss Speleological Society

CARON, Daniel

c/o Société Québécoise de Spéléologie, 4545 av. Pirre de Coubertin, C.P. 1000, Succ. M., Montréal H1V 3R2, Canada

CHABERT, Claude

49 avenue Jean-Moulin, F-75014 Paris, France

CHANTO DURAN, Franklin

Asociación Espeleológica Costarricense, Apartado 265-2050s.p., San José, Costarica

CIGNA, Prof. Dr. Arrigo A.

Frazione Tuffo, I-14023 Coconato AT, Italy

Tel. (office): ++39-161-48 33 61

Tel./Fax (home): ++39-161-907 265

E-mail office: cigna@alpha2000.saluggia.enea.it

E-mail home: cigna@biemmenet.it

CORDEIRO, Orlando Caetano

Av. D. Nuno Álvares Pereira, 74, 5.º-E., 2800 Almada, Portugal

CORTES PADILLA, Guillermo

Asociación Espeleológica Costarricense, Hatillo 1, Cassa no. 291, San José, Costarica

CRAVEN, Dr. Stephen A.

7 Amhurst Avenue, Newlands 7700, South Africa

Tel.: ++27-21-64 43 38, 797 9065

Fax.: ++27-21-797 1749

CRISPIM, Dr. José Antonio

Av. Infante Santo 54, 5.º-Esq., 1300 Lisboa, Portugal

CUCCHI, Prof. Dr. Franco

Istituto die Geologia, Università, Piazzale Europa 1, 34127 Trieste, Italy

E-mail: cucchi@univ.trieste.it

DLUHOLUCKÝ, Prof. Dr.med. Svetozár

F.D. Roosevelt Hospital, Childern Clinique, 975 71 Banská Bystrica, Slovakia

Tel. (office): ++421-88-342 56, 712 166

Fax (office): ++421-88-734 813

E-mail: picu bb@psgnetbb.sk

DOEMEN, Alphonse

Rue Belvaux 93, 4030 Liège, Belgium

DOLGYI, Vladimir

Commission on Speleotourism, c/o Tourist Sport Club, Shevchenko str. 44, Tashkent 700060, Uzbekistan

DROUIN, Philippe

c/o Groupe Ulysse spéléo, Chavannes, F-38390 Bouvesse-Quirieu, France

Chavannes, F-38360 Bouvesse-Quirieu, France (home)

DUBLYANSKY, Dr. Yuri Viktorovich

Institute of Mineralogy and Petrography, Russian Academy of Sciences, Siberian Branch, University Ave. 3,
630090 Novosibirsk, Siberia, Russia

Tel.: ++7-3832-333 608

Fax: ++7-3832-332 792

Telex: 133 123 KORA SU

E-mail: dublyan@uiggm.nsc.ru

DUBOIS, Paul

Grotte de Clamouse, Les Merlets, rue des Grézes, F-34070 Montpellier, France

Tel.: ++33-4-67450168

EAVIS, James Andrew

Tidesreach, Redcliff Road, Hessle, North Humberside HU13 0HA, England

Tel.: ++44-1482-64 86 58 or ++44-1482-64 64 64

Mobile tel.: ++44-(0)860513790

Fax: ++44-1482-64 44 46

E-mail: kay@windcrown.co.uk

ERASO ROMERO, Prof. Titular Dr. Adolfo

Universidad Politecnica de Madrid, Escuela Technica Superior de Minas, Catedra de Hidrogeología, Ríos
Rosas 21, E-28003 Madrid, Spain

Tel.: ++34-1-336 6978

Fax: ++34-1-336 7068

E-mail: kamenka@gugu.usal.es

ERNZER, Frank

Grabenstrasse 1, 54311 Trierweiler, FRG

Tel.: ++49-651-8200275

E-mail: fernzer@husky.on.col

ESZTERHÁS, István

Köztársaság u. 157, H-8045 Isztimér, Hungary.

FORD, Prof. Dr. Derek C.

Department of Geography, McMaster University, 1280 Main St. West, Hamilton, Ontario L8S 4K1, Canada

Tel. (office): ++1-905-525 9140 ext.24535

Fax: ++1-905-546 0463

E-mail: dford@mcmail.cis.mcmaster.ca

FORTI, Prof. Dr. Paolo

Dip. Scienze della Terra, Università di Bologna, Via Zamboni 67, I-40127 Bologna, Italy

Tel. (office): ++39-51-35 45 47

Tel. (home): ++39-51- 22 12 93

Fax (office): ++39-51-35 45 22

E-mail: forti@dogon.geomin.unibo.it

FRUMKIN, Dr. Amos

Department of Geography, The Hebrew University of Jerusalem, Cave Research Section, Jerusalem, Israel

Tel.: ++972-2-9975541

Fax: ++972-2-5820549

E-mail: msamos@pluto.mscc.huji.ac.il

GAMBOA VARGAS, José Antonio

Calle 44, No. 519, M.e./69 y 71, 97000 Mérida, Yucatán, Mexico

Fac. Ingeniería, calle 14x14, Col. Industrial, 97150 Mérida, Yucatán

Tel. (home): ++52-99-246248

GARAŠIĆ, Prof. Dr. dipl. ing. geol. Mladen

Hrvatsko Speleološko društvo, Nova Ves 66, 10000 Zagreb, Croatia

Tel./Fax: ++385-1-277548

E-mail: Mladen.Garasic@public.srce.hr

Web: <http://jagor.srce.hr/~mgarasic/speleo.html>

GATICA, Dolores

c/o Gruppo Espeleológico Argentino (GEA), Est. YPF, Ruta 22 acceso a Las Lajas, Las Lajas, Neuquén,
Argentina

Tel./Fax: ++54-2942-499155

E-mail: gea@mail.retina.ar

GŁAZEK, Prof. dr hab. Jerzy

Institute of Geology, Adam Mickiewicz University, Ul. Maków Polnych 16, 61-606 Poznań, Poland
Tel.: ++48-61-8257332, 8257674, 8257695, 8257715
Fax: ++48-61-8257845

E-mail: glazekj@main.amu.edu.pl

GRADZIŃSKI, Dr. Michal

Institute of Geological Sciences, Jagellonian University, Oleandry 2a, 30-063 Kraków, Poland

E-mail: gradzinm@ing.uj.edu.pl

GUTIEREZ DOMECH, Roberto

Calle 9na, no. 8402, esq. 84, Playa, La Habana, Cuba

HABE, Prof. Dr. France

Vojkova 2, SLO-6230 Postojna, Slovenia

HALLIDAY, Dr. William

6530 Cornwall Court, Nashville TN 37205, USA

101 Aupuni Street 911, Hilo, Hawaii 96720, USA

Tel.: ++1-808-9697980

Fax: ++1-615-385-0491

E-mail: bnawrh@webtv.net

HAPKA, Roman

Work: Institute of Prehistory, University of Neuchâtel, 7, Avenue DuPeyrou, CH-2000 Neuchâtel, Switzerland

Fax: ++41-38-242816

Home: Fontaine 12, CH-20022 Bevaix, Switzerland

E-mail: hapka@vtx.ch

HÄUSELMANN, Philipp

Haldenstrasse 32, CH-3014 Bern, Switzerland

Tel.: ++41-31-332-0174

Mineralogical and Geological Institutes, University of Bern, Baltzerstrasse 1, 3012 Bern, Switzerland

Tel.: ++41-31-6318781

Fax: ++41-31-6314843

E-mail: praezis@mpi.unibe.ch

Web: <http://www.earthsci.unibe.ch/people/praezis/index.html>

Geographical Institute, University of Fribourg, 1700 Fribourg, Switzerland

Tel.: ++41-26-3009015

HAVLÍČEK, Dr. David

Department of Analytical Chemistry, Faculty of Sciences, Charles University, Hlavova 22, 128 43 Praha 2, Czech Republic

Tel. (office): ++420-2-21952362

E-mail: havlicek@prfdec.natur.cuni.cz

HILL, Dr. Carol

17 El Arco Drive, Albuquerque, New Mexico 87123, USA

Tel.: ++1-505-296 2705

E-mail: 76021.1565@compuserve.com

HOFFMANN, Guido

Begonienstrasse 58, 44289 Dortmund, FRG

Tel.: ++49-231-401788

E-mail: g.hoffmann@ghspelis.ruhr.de

HOLLAND, Ernst

Jenolan Caves Reserve Trust, P.O. Box 1495, Bathurst, NSW 2795, Australia

Tel. (office): ++61-63-32 58 88

Tel. (home): ++61-63-37 36 61

Fax: ++61-63-32 93 99.

E-mail: jenolan@ix.net.au

HUBBARD, Dr. David A. jr.

Woodlake Dr., Charlottesville, VA 22901-1330, USA

P.O. Box 3667, Charlottesville, VA 22903, USA

Tel.: ++1-804-978 7998

E-mail: hubbardd@hq.forestry.state.va.us

HUPPERT, Dr. George

Department of Geography and Earth Science, University of Wisconsin La Crosse, La Crosse, WI 54601, USA

Tel. (office): ++1-608-785 8333

Tel. (home): ++1-608-787 0499

Fax: ++1-608-785 8332.

E-mail: huppert@mail.uwlax.edu

JAMES, Prof. Dr. Julia Mary

School of Chemistry, Chemistry II, University of Sydney, NSW 2006, Australia

Tel. (office): ++61-2-3512743

Tel. (home): ++61-2-5191415

Fax: ++61-2-23513329

E-mail: jmj@chem.usyd.edu.au

JÓNSSON, Sigurdur Sveinn

Icelandic Speleological Society, P.O. Box 342, 121 Reykjavik, Iceland

Tel: ++354-1-621875

KANG, Pham

Nha D 2, Phong 215, Giang Vo, Hanoi, Vietnam

KARLSEN, Age

Norsk Grottenforbund, a-o Rana Museum, Nat. Hist. Avd., Postbox 301, 8601 Mi-i-Rana, Norway

KASHIMA, Dr. Naruhiko

Department of forest resources, College of agriculture, Ehime University, 3-5-7 Tarumi, Matsuyama, Ehime 790, Japan

Tel.: ++81-89-946 9923

Fax: ++81-89-977 4364

E-mail: kashima@agr.ehime-u.ac.jp

KLIMCHOUK, Dr. Alexander

P.O. Box 224/8, Kiev-30, 252030 Kiev, Ukraine

Tel.: ++380-044-512 8283

Fax: ++380-044-212 1124

E-mail: klim@klim.carrier.kiev.ua

KO, Dr. Robby K.T.

c/o Himpunan Kegiatan Speleologi Indonesia, P.O. Box 55/154, Bogor, Indonesia

Tel.: ++62-251-43 76

Fax: ++62-251-53 43

KOPECKÝ, Jiří

Husova 154, CZ- 550 01 Broumov 6, Czech Republic

KÓSA, Dr. Attila

Köver Lajos u. 46, 1149 Budapest, Hungary

Tel./Fax: ++36-1-1643676

E-mail: kosaatti@mail.matav.hu

KOVAĚEVIĚ, dipl. ing. Tihomir

Hrvatsko Speleološko društvo, Nova Ves 66, 10000 Zagreb, Croatia

Tel./Fax: ++385-1-277548

KRUTAJ, Prof. Dr. Farudin

Academy of Sciences, Geographic Studies Centre, St. Myslym Shyri, 11, Tirana, Albania

Tel./Fax: ++355-42-27985

LABEGALINI, José Ayrton

Rua Ernesto Gotardelo 410, 37580-000 Monte Sião (MG), Brazil

Tel.: ++55-35-465 1451 or 465 1011 or 465 2041

Fax: ++55-35-465 2041

E-mail: jal@sulminas.com.br

LAICONAS, Ericas

Speleo-info-Centras, P.O. Box 203, 3000 Kaunas, Lithuania

LAUMANN, Michael

Hehner Strasse 100, 41069 Mönchengladbach, FRG

LAURITZEN, Prof. Dr. Stein-Erik

Geology Department, Bergen University, Allégaten 41, N-5007 Bergen, Norway

Tel.: ++47-55-58 35 08

Fax: ++47-55-58 94 17

E-mail: stein.lauritzen@geol.uib.no

LEE, Prof. Dr. Byung-Hoon

Department of Biology, Education Jeongug National University, Deogjing-Dong, Deogjin-gu, Jeonju 560-756,
Republic of Korea

Tel.: ++82-652-70 2783

Fax: ++82-952-70 2869

LINDEN, Anders

c/o Sverige Speleolog Förbund, Box 16013, 72016 Västerås, Sweden

Tel.: ++46-23-31492

Fax: ++46-23-31470

E-mail: ahl@sgu.se

LUCKINS, David

3683 Oakleaf Dr., West Bloomfield, MI 48324, USA

E-mail: DLuckins@aol.com

MacGREGOR, Kirk

78 King High Ave., Downsview, Ontario M3H 3BI, Canada

E-mail: kirkm@globalserve.net

MAIS, Dr. Karl

Messeplatz 1/7a, A-1070 Wien, Austria

Tel. (office): ++43-1-5230418

Tel. (home): ++43-1-5243625

Fax: ++43-1-5230419

E-mail: hoehle@nhm-wien.ac.at, speleo.austria@netway.at

MANGIN, Dr. Alain

Laboratoire souterrain du CNRS, Moulis, F-09200 St-Girons, France

MARTINEZ GARCIA, Francisco M.

Avenida Francesco Cambó 14-9^oB

08003 Barcelona

Tel.: (93) 310 7062, 310 761

Fax.: (93) 315 1624

MATTHEWS, Peter

66 Frogmore Crescent, Park Orchards, Victoria 3114, Australia

Tel. (office): ++61-3-9876 1487

Tel. (home): ++61-3-9287 2333

Fax: ++61-3-9876 2013

E-mail: matthews@melbpc.org.au

MAVLYUDOV, Dr. Bulat

Institute of Geography, Russian Academy of Sciences, Staromonetny per. 29, 109017 Moscow, Russia

Fax: ++7-95-2302090

Tel. (home): ++7-95-9064072

E-mail: geography@glas.apc.org

bulat@aha.ru

McCLURG, David

104 Graves Court, Vallejo, CA 94591, USA

E-mail: dmclurg@halcyon.com

MEYSSONNIER, Marcel

28, rue S. Janin, F-69005 Lyon, France

MIHEVC, Dr. Andrej

Institute of Karst Research, SAZU, Titov trg. 2, 6230 Postojna, Slovenia

Tel. (office): ++386-67-24781

Tel. (home): ++386-67-742560

Fax: ++386-67-23965

E-mail: Andrej.Mihevc@guest.arnes.si

MOURET, Dr. Claude

Home: La Tamanie, F-87380 Magnac-Bourg, France

Work: c/o TOTAL Myanmar, 5, Pyay Road, Hlaing Township, P.O. 11051, Yangon, Union of Myanmar

Fax (office): ++95-1-530 916

Fax (FFS Paris): ++33-1-49 23 00 95

MULAOMEROVIĆ, Jasminko

(home) B. Zenuni 6/IV, 71000 Sarajevo, BiH

BZK „Preporod“, Branilaca Sarajeva 30, 71000 Sarajevo, BiH

Tel.: ++387-71-531988
Fax: ++387-71-663835
Earth Science Institute, S. Tomiæa 3, 71000 Sarajevo, BiH
Tel./Fax: ++387-71-652423

NADER, Fadi

Spéléo-Club du Liban, P.O. Box 70-923, Antelias, Lebanon
Tel.: ++961-1-283929
E-mail: benga@cyberia.net.lb

OEDL, Dr. Friedrich

Thumeggerstrasse 22B, A-5020 Salzburg, Austria
E-mail: eisriesenwelt@aon.at

ORBONS, Joep

P.O. Box 1614, NL-6201 BP Maastricht, Netherlands
E-mail office: j.orbons@raap.nl
E-mail home: jorbons@xs4all.nl

PALACIOS VARGAS, Prof. Dr. José

Lab. Ecología y Sistemática de Microartropodos. Facultad de Ciencias, UNAM, 04510 México D.F., Mexico
Fax: ++52-2-622 4828
E-mail: jgpv@hp.fciencias.unam.mx

PANOS, Prof. Dr. Vladimir

Pavelákova 20, CZ-770 00 Olomouc, Czech Republic
Tel.: ++420-68-5223096

PAS, Jan Paul van der

Vauerhofweg 3, NL-6333 CB Schimmert, Netherlands
Tel.: ++31-45-4041600

PETROCHILOU, Anne

35 Rue de Constantinople, Nea Smyrna, Athènes 17121, Greece

PFEFFER, Prof. Dr. Karl-Heinz

Geographisches Institut, Universität Tübingen, Hölderlinstraße 12, D-72074 Tübingen, Germany
Tel.(office): ++49-7071-2972400, 2972397
Fax (office): ++49-7071-295318
Fax (home): ++49-7473-26767
E-mail: prof.pfeffer@t-online.de

PIŠKULA, Dipl.-Ing. Michal

Ondrova 23, 635 00 Brno, Czech Republic
Tel. (office): ++420-5-7276347
Tel. (home): ++420-5-792085
Tel. (mobile): ++420-602-732484
Fax: ++420-5-7276343
E-mail: icp.brno@brn.pvnet.cz

RAMIREZ, Ilich

Centro Exploraciones Espeleologicas, Universidad Simón Bolívar, Apartado 80.659, Caracas 1080A, Venezuela

REDONTE, Gabriel

c/o Gruppo Espeleológico Argentino (GEA), CC 232, Sucursal 3, (1403) Buenos Aires, Argentina
Tel./Fax: ++54-11-4552-1716
E-mail: gredonte@miteasa.satlink.net
gea@mail.retina.ar

Web: www.servicenet.com.ar/mpetter/gea

REDDY, M. Narayna

c/. Dr. V.V. Narayna Reddy, 234 Organic Dn. III, I.I.C.T., Hyderabad, 500 007 A.P., India

SANGSTER, Jakky

34 Whipple Rd, Wilton, CT 06897, USA
Tel.: ++1-203-834 0440

SCHERRER, René

Bruggwiesenstrasse 6, 8442 Hettlingen, Switzerland

SHOPOV, Prof. Yavor Yavorov

General Physics Dept, Sofia University, James Baucher 5, BG-1126 Sofia, Bulgaria
Tel.: ++359-2-512838
Fax: ++359-2-9625276

Telex: 2396 SUKO R BG

E-mail: yyshopov@phys.uni-sofia.bg

SIGALOV, Grigori

box 41, Dolgoprudny-1, Moscow region 141700, Russia

Tel.: ++7-95-5763463

Fax: ++7-95-4085144

E-mail: dubrovsk@barrier.mipt.ru

SIMEONIDIS, Prof. Nik.

Société Spéléologique de Grèce, 11 rue Mantzarou, Athènes 10672, Greece

SJÖBERG, Dr. Rabbe

Bodviksvägen 14, 910 24 Obbola, Sweden

Tel./Fax: ++46-90-45258

SLAGMOLEN, André

Rue Adolphe Marbotin 113, B-1030 Bruxelles, Belgium

Tel.-Fax: ++32-22-167529

STÜMMER, Günther

Pretschgasse 21/1/4, 1110 Wien, Austria

Tel. (office): ++43-1-5230418

Tel. (home): ++43-1-7688802

E-mail: hoehle@nhm-wien.ac.at, speleo.austria@netway.at

TRIMMEL, Univ. Prof. Dr. Mag. Hubert

Draschestrasse 77, A-1230 Wien, Austria

Tel.: ++43-1-6155845

E-mail: hoehle@nhm-wien.ac.at

TULIS, Dipl.-Ing. Ján

Slovak Speleological Society, Brezová 9, 052 01 Spišská Nová Ves, Slovakia

TULUCAN, Prof. Dr. Tiberiu

West University Arad, Romania

E-mail: tnt@uvgar.sorostm.ro

UENO, Prof. Dr. Shun-Ichi

Department of zoology, National Science Museum (Nat. Hist.), 3-23-1 Hyakunin-chô, Shinjuku, Tokyo 169; Japan

Tel.: ++81-3-3364 2311

Fax: ++81-3-3364 7104

URBANI, Prof. Dr. Franco

Universidad Central de Venezuela, Escuela de Geología, Minas y Geofísica, Caracas 1053, Venezuela

Tel./Fax: ++58-2-746 436

E-mail: urbani@cantv.net

URUCI, Prof. dr. Gezim

Société Albanaise de Spéléologie, Druga „Daut Berici“ No. 1265, Shkoder, Albania

VALE, Abel

Cond La Cumbre Gdns Apt 209, Rio Piedras, PR 00926-5404, Puerto Rico

or FEPUR, 497 Ave E. Poli, Box 230, PR 00926-5636 San Juan, Puerto Rico

Tel.: ++1-809-760 2100

E-mail: enlacepr@caribe.net

VERSA, Dorotea

Speleological Association of Slovenia, P.P. 44, 1109 Ljubljana, Slovenia

Tel. (home): ++386-61-1233345

Tel. (office): ++386-61-1261151

Fax: ++386-61-215459

E-mail: dorotea.versa@guest.arnes.si

VIEHMAN, Prof. Dr. Iosif

Speleological Institute „Emile Racovita“, Clinicilor 5, P.O. Box 58, 3400 Cluj, Romania

Tel./Fax (office): ++40-64-195954

Tel. (home): ++40-64-438456

VLOEBERGS, Jan

Broekstraat 23, 3030 Heverlee, Belgium

Tel.: ++32-16-237899

WARILD, Alan

41 Northwood St, Newtown, NSW 2042, Australia
E-mail: alanw@jna.com.au

WIDMER, Urs

Therwilerstrasse 43, CH-4054 Basel, Switzerland
Tel.: ++41-61-281 4181

Fax: ++41-61-281 3961

WIGNYAKUTA JI, Suwesta

Sempur No. 36, Bogor, Indonesia

WILLIAMS, Prof. Dr. Paul W.

Department of Geography, The University of Auckland, Private Bag 92019, Auckland, New Zealand

Tel. (office): ++64-9-373 7599 ext. 8459

Tel. (home): ++64-9-445 1680

Fax: ++64-9-373 7434

E-mail: p.williams@auckland.ac.nz

WOO, Kyung Sik

Kangweon National University, Department of Geology, Chun-chaon 200, Republic of Korea

YABLOKOVA, Nataliya

P.O. Box 224/8, 252030 Kiev-30, Ukraine

Tel.: ++380-044-512 8283

Fax: ++380-044-212 1124

E-mail: klim@klim.carrier.kiev.ua

YALOV, Alexey

Bulgarian Speleological Federation, c/o BTS, 75, Vasil Levski Blvd., 1040 Sofia, Bulgaria

Tel./Fax.: +359-2-878812

ZHANG, Prof. Dr. Shouyue

Institute of Geology, Academia Sinica, P.O. Box 9825, 100029 Beijing, P.R. China

Tel.: ++86-10-2023377, ext. 584

Fax: ++086-10-4919140

ZIMELS, Josef

Zamkova str. 9, kv. 21, Tarnopol 282000, Ukraine

Minutes of

Regular sessions of the Bureau of the International Union of Speleology

held in La Chaux-de-Fonds, Switzerland

First session

August 9, 1997, 3.30-5.30 pm

Present: Paolo Forti (President), Julia Mary James, José Ayrton Labegalini (Vice-Presidents), Petar Beron, Stephen A. Craven, Andy Eavis, Aleksander Klimchouk, José Palacios Vargas, Urs Widmer, Zhang Shouyue (Secretaries Adjoin), Pavel Bosák (Secretary General)

Past-Presidents: Arrigo A. Cigna, Adolfo Eraso Romero, Derek Ford

1. Opening of the Session and confirmation of the Agenda.

2. Control of Minutes from 1996

- the Agreement with the IGU - the agreement was approved in 1996 by the General Assembly of the International Geographical Union, at the Congress in the Hague (Netherlands)

- the UIS Constitution (Statute) - improvement. The changes made by the Advisory Committee (dr. Oedl) were finally translated to French thanks to the activity of Urs Widmer

- Stone Forest (China) to the UNESCO World Heritage List - the text of Julia M. James was sent by the Secretary General to the UNESCO World Heritage Committee. According to the information of Mr. van Drooste (Germany), the proposal was rejected owing to some formal and procedural reasons. We were informed, that during the 30th International Geological Congress in Beijing, the new juridically pure proposal was presented.

- European Regional Conference on Speleology will be organised if the 13th International Congress of Speleology will be held overseas of Europe. The conference will be organised by the European Community Speleological Federation. It is strongly supported by the FSCE, that Portugal as the candidate country for the 13th International Congress of Speleology in 2001 will be served as hosting country of the 2005 Congress and it will not organise the 1999 European Conference on Speleology

- it could be stated that the payment discipline of member countries has improved again and low costs of the UIS expenses has been maintained

- the UIS Bulletin: in 1997 the UIS Bulletin was published in two volumes, i.e. Vol. 42, No. 1 (February), and Vol. 43, No. 2 (July). The last volume was delivered to the International Congress of Speleology in about 1,500 copies by the Secretary General and will not be distributed by mail

- List of Honours - it was recommended from many reasons to freeze the idea for some time

3. Preparation of the agenda of the Assembly General

The membership countries which will be excluded from the UIS for not payment of the annual contribution will not be automatically renewed after the payment. If such countries want to renew their membership in the UIS they will have to apply their request to the nearest Assembly General of the UIS conformably with the valid UIS Constitution.

Using the paragraph A of additions to the UIS Statutes, the UIS Bureau decided to definitively exclude following states from the UIS membership list owing to long lasting inactivity and financial debts, not paying annual contribution since 1984 and not replying the correspondence: Columbia, Denmark, Dominican Republic, Ireland, Peru and Tunisia.

Other countries with substantial debt in annual payments, but with interest to continue their activity within the UIS and without the possibility to pay their debts now, the UIS Bureau decided to wait to the future evolution of relations of such countries with the UIS. This is the example of Algeria, which representant contacted the UIS Secretary General just before the Bureau session, Namibia, where only one caver exists. The Algerian debts were not cancelled owing to the fact that several international expeditions were organised by Algerians taking money for that in last years. It was decided to remit 400 USD debt of Namibia and to ask it to fulfil its duties since 1997 including.

There were obtained several demands to remit or shorten the annual contributions. Bulgaria defined well its economic state, which has been lasting several past years asking to decrease the contributions from the category A (300 USD) to category C (50 USD) starting in 1996. The UIS Bureau agreed and since 1996, the annual contributions of Bulgaria are 50 USD. The Lithuania asked to remit the annual contributions totally for the period of at least 1994-1997. As the Lithuania has (1) comparable economic conditions with other states in the central and eastern European region, as well as with countries of the developing World, and (2) enough amount of cavers, the demand of the remission was rejected. Lithuania has to cover its duties since it was accepted as the UIS member-country in 1993 in Beijing.

In the case of member-countries with financial debts in which the speleological structures renewed, the financial debts coming from the time before the establishment of the new structure are remitted, they have to cover they duties since the establishment of new national caving structure because the new federation cannot take responsibility for past duties arisen in an other structure (Puerto Rico)

The UIS Bureau was informed by the UIS Secretary General, that some member-countries with some or even substantial debts promised to cover their debts completely (Bolivia, Costarica) or partially (Israel, Portugal).

Adolfo Eraso proposed to cancel of to frozen the Working Group GTICEK (Experimental Catchment Areas) instead of some goals achieved (published books), as the main aim of the Group has not been achieved - the establishment of joint group of the UIS, the AIH and the IGU.

Second session

August 11, 1997, 0.15-2.30 pm

Present: Paolo Forti (President), Julia Mary James, Jose Ayrton Labegalini (Vice-Presidents), Petar Beron, Stephen A. Craven, Andy Eavis, Aleksander Klimchouk, José Palacios Vargas, Urs Widmer, Zhang Shouyue (Secretaries Adjoin), Pavel Bosák (Secretary General)

Past-Presidents: Arrigo A. Cigna, Adolfo Eraso Romero

Invited Guest: Claude Mouret

The only point of the agenda for this day was the discussion of the presentation of both proposed changes of the UIS Constitution, presented by Claude Mouret (proposal of the French Speleological Federation) and by the UIS Bureau to the first session of the Assembly General on August 10, 1997. It was stated that both proposals are very close or identical in their sense, containing the same ideas, except of the presented form (more paragraphs in the French proposal, simple form of the UIS Bureau proposal). There were two basic differences. French proposal differs in the understanding and definition of the power of the UIS Bureau proposing to introduce the guide-lines for the UIS Bureau activity in next period (of four years) proposed and approved by the UIS Assembly General. French proposal also introduced regulation of internal rules for the UIS Working Groups and Commissions and Committees directly into the Constitution. After the broad and detailed discussion, both parties accepted the compromise:

- in the second session of the UIS Assembly General on August 17, 1997 only the improved version prepared by the UIS Bureau will be presented

- in the second session of the UIS Assembly General, there will be presented the new UIS Commission on the UIS Constitution which will prepare: (1) the version of the UIS Constitution taking into the account all possible eventualities, the statements of the present UIS Bureau and the statement of the FFS and other positions. The aim is to prepare material which will be valid without changes next 20 to 30 years after its approval in 2001, (2) translation of the new UIS Constitution into all UIS languages (French, English, German, Italian, Spanish, Russian). The English version of such UIS Constitution will be the basic document (instead of the French version according to the valid UIS Constitution)

- together with the new UIS Constitution, the new version of Internal Reglement of the UIS will be prepared to be conform in all points with the new Constitution. Also this document will be in English as a basic UIS document (instead of the French version today).

The UIS Bureau decided more, that all member-countries which applied for the organisation of the next International Speleological Congress must obtain equal space for the detailed presentation of their sites and scheduled programs.

Third session

August 15, 1997, 0.15-1.30 pm

Present: Paolo Forti (President), Julia Mary James, Jose Ayrton Labegalini (Vice-Presidents), Petar Beron, Andy Eavis, Aleksander Klimchouk, Urs Widmer, Zhang Shouyue (Secretaries Adjoin), Pavel Bosák (Secretary General)

Past-Presidents: Arrigo A. Cigna

Invited Guest: Friedrich Oedl

1. Code of Ethics - there was delivered attachment to the code made by Bruno Delprat. The UIS Bureau checked and this material and made corrections. The UIS Secretary General will make available copies for the national delegates at the 2nd session of the Assembly General. The material was checked by the Advisory Committee with the statement that according to its meaning the material is not necessary, but can be accepted by the Assembly General.

2. World Day of Speleology on August 14, 1997. After the discussion, the UIS Bureau accepted the proposal and it will be included into the agenda of the 2nd session of the Assembly General.

3. European Regional Conference on Speleology - the UIS Bureau obtained a letter from Portugal, that they withdraw their proposal for Congress in 2001 if they will organise the Regional Conference in 2000. The Bureau cannot ensure this term as the Assembly of the Speleological Federation of the European Union will be held only on Saturday. The representative, A. Eavis informed that the European Conference wants to be organised by Austrians and that the date 2000 is not good, as the proper date is only 1999.

4. A. Eavis, the member of audit commission, informed preliminarily on the state of the UIS finances and proposed some solutions.

5. The presence of the UIS Bureau member in the next Congress. It was discussed, that on past Congresses congress organisers covered to the UIS Bureau members the full membership (Congress fee and Proceedings, banquets and other official events during Congress), on most of them also simple accommodation was covered. This was not concerning the President of the UIS Commissions, Working Groups and Committees.

After representatives of both Australia and Brazil informed on their possibilities. Congress fee will be covered fully, except of pre- and post-Congress excursions. According to financial possibilities of organisers, they will add something to accommodation. J. M. James informed, that they will try to cover the stay of the UIS Secretary General in a maximum extent and that the Congress fee will be about 200 USD.

6. Decision on the presentations of the Congress country - coin decided that Australia will has its presentation as the first.

7. Information on application for membership, no country applied.

8. J. M. James informed on the state of the UIS Inaugural Prizes, all prizes are in a good health, except some problems in book section.

9. Advisory Committee - it was presented the idea how to proceed - one UIS Bureau member will be the president, and the Bureau will try to find lawyers in English, Spanish and German. The committee cannot be a single men performance.

Fourth session

August 16, 1997, 1.30-2.10 pm

Present: Paolo Forti (President), Julia Mary James, José Ayrton Labegalini (Vice-Presidents), Stephen A. Craven, Andy Eavis, Aleksander Klimchouk, (Secretaries Adjoin), Pavel Bosák (Secretary General)

Past-Presidents: Arrigo A. Cigna, Derek C. Ford, Hubert Trimmel

1. Report of the Commission of Elections - H. Trimmel stated that all proposed candidates for different positions were accepted and can be elected (J.M. James, Australia, for the President, P. Beron, Bulgaria, A. Eavis, Great Britain, A. Klimchouk, Ukraine, A. Labegalini, Brazil, and C. Mouret, France, for Vice-Presidents, P. Bosák, Czech Republic, for the UIS Secretary General, and S. Craven, South African Republic, G. Huppert, USA, A. Klimchouk, Ukraine, R. Ko, Indonesia, A. Labegalini, Brazil, C. Mouret, France, Song Lin hua, China, F. Urbani, Venezuela, A. Vale, Puerto Rico, and U. Widmer, Switzerland, for UIS Secretaries Adjoin).

2. Two member-countries covered necessary debts and can be registered for the next Assembly General - i.e. Albania and Ireland.

3. The Advisory Committee presented its statement for the Assembly General, only UIS Bureau proposal of UIS Statute improvements will be dealt. All motions are recommended to be approved.

4. State of accounts: about 2,650 USD and 1,400 CHF were collected by the Secretary General as annual contributions, H. Trimmel paid the whole cash of 9,943.54 ATS to the UIS cash.

5. The new Advisory Committee was accepted by the UIS Bureau according to the proposal of Paolo Forti and completed by Arrigo A. Cigna. The Committee will be composed of (in alphabetic order): Arrigo A. Cigna, Andrew Eavis, Alain Mangin, Friedrich Oedl and Franco Urbani.

6. It was recommended to protect the UIS logo as registered mark. First, it will be registered in the Czech Republic by the Secretary General.

7. It was decided, that the height of the annual contributions of the affiliated institution will be decided by the new UIS Bureau.

8. Armenia applied to be the member-country. Owing to late acceptance, it was decided, that Armenia will be accepted for voting only at the end of the second session of the Assembly General not to complicate the whole program.

La Chaux-de-Fonds, Prague
August 9-16, 1997
August 26, 1997

Reported by
Dr. Pavel Bosák
UIS Secretary General

Changes of Addresses

BENEDETTO, Carlos - The FEALC President

Tomasa de San Martin 752, Barrio Parque, (5613) Malargue, Mendoza, Argentina

Fax: ++54-627-70455

E-mail: hcdrsf@satlink.com (indicate the subject: para Carlos Benedetto)

Czech Speleological Society - WEB PAGE

<http://194.212.215.36/speleo/> or

<http://k36.kralupy.cz/speleo/>

SASA-South Africal Speleological Association

Transvaal Section, PO Box 157, Modderfontein, 1645, South Africa

Secretary (Maryna Strydom) E-mail: mstrydom@gemcom.co.za

Web Master (Steve Ward): stevew@global.co.za

Web Site: <http://sasa.caving.org.za>

New Periodical of the UIS

The Karst *Conduit* has been published since April 1998 by the UIS Commission on Karst Hydrogeology & Speleogenesis and the IGU Commission on Sustainable Development & Management of Karst Terrains.

The Karst Conduit is being sent to all members of the IGU Karst Commission and UIS KHS Commission electronically (as WORD.DOC file in attachment) or by post. To deliver the Newsletter to those who have an e-mail address, the former way is preferential as this reduces postage costs. You are encouraged to print, copy and distribute this Newsletter among colleagues. In order to assure that you'll receive *The Karst Conduit* in a way appropriate for you, please, fill up the form on the next page and return it to the corresponding coordinator.

Besides direct delivery to Commissions members, *The Karst Conduit* can be accessed via Internet, at corresponding web sites of the IGU Karst Commission and UIS:

⇒ IGU Karst Commission: <http://www.hud.ac.uk/schools/applied-sciences/LRG/igu/karst.htm>

⇒ UIS: <http://rubens.its.unimelb.edu.au/~pgm/uis/index.html>

The Karst Conduit Registration Form

Full name _____

I can receive The Karst Conduit via e-mail, as WORD.DOC file in attachment.

E-mail address: _____

Coding format: Base64 Uuencode

I can receive The Karst Conduit only by post (hard copy).

Post address: _____

Please, return this form (why not right now?) to the corresponding coordinator:

⇒ members of the IGU Karst Commission - to John Gunn <j.gunn@hud.ac.uk>

⇒ members of the UIS KHS Commission - to Alexander Klimchouk <klim@klim.carrier.kiev.ua>

From Commission Life

UIS Informatics Commission (UISIC) Chyba! Záložka není definována. - 1993-97 Report

Formed in 1986 at the 9th International Congress of Speleology, the role of UISIC is to encourage and facilitate the systematic collection and responsible use of cave, karst and related data on an international basis.

The past four years has seen UISIC strongly take up the use of the Internet as a tool to help its work, both for communication and as a means of information dissemination, and to start at last on the important task of establishing standard definitions for cave/karst data fields.

Below is more detail of what has been happening, and where we are at now. Developments are still very much occurring, so some aspects mentioned here have not yet happened but are expected to have occurred by the time of the Congress. It's exciting times for cave/karst documentation.

The main task over the next few years will be to involve the documentation community and establish the various standards needed to allow cave/karst data exchange.

I am happy to continue as the president of the commission.

UISIC Bulletin and Contact List These two paper and postage based publications edited by myself will have had only two editions published during the period. The October 1994 edition was kindly printed and posted by the Karst Research Institute in Postojna, and included mainly information about our new Internet connection, and cave documentation in Sweden. The Congress edition will be printed and posted by our friends in Austria again (Thanks, Günter!), and will contain mainly the introduction to the work necessary to enable data exchange, together with an article on cave documentation in Austria.

Future plans include the distribution of these publications via email wherever possible to save on postage and printing costs. John Gunn of the Limestone Research Group in the UK has kindly offered to sponsor the next edition or so. The Contact List, *UISIC Contact*, contains the details of databases and interested people worldwide, and although its paper version has become out of date, the World Wide Web version on the Internet has been kept current.

Internet Our Internet connection was originally made possible by Brian Finlayson and the Geography Department of the Melbourne University (Australia) after discussions at the Beijing Congress. The Geography Department now generously hosts the UIS and UISIC web sites at considerable benefit to speleology. And our CaveData mailing list (see below) has generously been provided by Rauleigh Webb in Australia. Many cavers and speleologists now have an email address, and this has greatly improved communications and file transfers for this commission. In fact, the Internet has literally transformed the rate of international communications in speleology generally.

UIS web site UISIC instituted the UIS Internet web site in November 1994 and currently maintains it. The site introduces UIS, and lists the Bureau members, the Commissions and Working Groups and their presidents, the planned Bureau meetings, and the latest addresses of Bureau members and Commission presidents. It also links to the *UIS Speleological Abstracts* web site (Swiss SS), the Congress web site, the web sites for UISIC and the UIS Commission for Artificial Cavities, and UIS's International Speleo Calendar. Other pages contain links to speleological draft documents open for international comment, and to two external master link sites which contain links to most other speleological websites. Hopefully by the time you read this the UIS pages will also contain the names and addresses of the UIS delegates for each country. The address of UIS's web site is:
<http://rubens.its.unimelb.edu.au/~pgm/uis/>

International Speleo Calendar In June 1996, I instituted the UIS International Speleological Calendar on the web. This was initially based on and represents a constantly updated on-line version of the events calendar published in

UIS-BULLETIN by Pavel Bosák. The on-line version is now edited by Roger Taylor in Australia, and contains an on-line form so that updates and additions can be submitted to him by email straight from the web page via the Internet.

Draft documents for comment A special UIS web page has been started which contains links to speleo documents which are open for international comment. Anyone who wants wider exposure for their document can have a link to it included on this page. The draft document itself can be located either at the person's own site or loaded on the UIS site. To date there are links to UIS's draft Code of Ethics for expeditions to foreign countries, IUCN's CNPPA Guidelines for Cave & Karst Protection, ASF's Data Use Agreement, and the SwissSS's proposed new UIS mapping symbols.

Overall, the UIS web site is hopefully raising the profile of UIS among cavers and speleologists, but there is still more it could do. For example, each commission and working group president could contribute an overview of their group, both to show what UIS is actually doing, and to increase the participation rate in their work. The Bureau could prepare promotional material for UIS.

CaveData mailing list UISIC has set up an Internet mailing list called CaveData to improve contact between people interested in cave/karst databases and documentation. Any email sent to this list is automatically redistributed to everyone on the list. It can therefore be used for making announcements, news, asking questions, or supporting discussion on a topic. For example, it is expected to be heavily used during discussion of data field definitions. To get on the list (free), send an email to majordomo@techpkwa2.curtin.edu.au with "subscribe cavedata" (omit the quotes) in the body of the message.

UISIC's web site This site introduces UISIC, and contains information about its current projects, the text of the latest *Informatics Bulletin*, the full UISIC address list, details of the CaveData mailing list, a UISIC application form, and full details of the draft data field definitions being discussed. Its address is:
<http://rubens.its.unimelb.edu.au/~pgm/uisc/>

Karst Index project What has occupied most of my time during the period has been work on the Australian Speleological Federation's (ASF) Karst Index database system which, as well as being Australia's national distributed cave database, is also UISIC's pilot project to test the practicality of its proposed systems and standards. The Beta version of the software is expected to be released by the time of the Congress, where I will be running a live demonstration session and displaying a poster session showing the database structure.

International data exchange The ability to validly transfer cave/karst data between databases within a country, or internationally, is seen as a benefit for research, management, conservation, exploration and documentation. UISIC has identified what is necessary to achieve this, and by the time of the Congress international discussion should have started on the necessary standards. The three technical requirements are: a permanent unique ID per cave, agreed field definitions, and an agreed intermediate generic transfer format. All are quite feasible and pilot solutions are already in operation.

Standard data field definitions The ASF Karst Index project has even in its first pass required over 500 data fields. These, together with fields I have collected from other organisations over the years have formed the starting point for discussion on field definitions. The web pages listing these fields and their latest definition are automatically generated from the data dictionary database as discussion proceeds. The actual discussion is occurring via the Internet using our CaveData mailing list.

It is expected that the International Geographical Union's (IGU) Commission on Sustainable Development and Management of Karst Terrains, and the International Association of Hydrogeologists (IAH) will also be collaborating in this work.

The expected plan for voting on each block of field definitions is:

- discussion via CaveData on the Internet.
- emailing or posting of final version to interested UISIC country delegates for comment.
- consolidation of comments.
- emailing or posting of final version to interested UISIC country delegates for voting.

Speleological Subject Classification scheme (SSC) With so many data fields available, and many more to come, it has become necessary to classify them into subject groupings to make it easier to find a suitable field. The best scheme found has been that used by UIS's *Speleological Abstracts*. That scheme is of course based solely on the requirements for bibliographic classification, and so some additions have been required to suit data field classification. Therefore the fields are currently being classified using an expanded but compatible SSC scheme.

It has become clear however that a much more comprehensive SSC scheme is required by researchers, and indeed also by UISIC, as the number of specialised data fields increases, so it is opportune to initiate a project to produce a comprehensive, definitive scheme. This could be a joint project of the Bibliography Commission and the Informatics Commission. Alexander Klimchouk has indicated his willingness to lead such a project in close co-operation with Reno Bernasconi, President of the Bibliography Commission. Yuri Dublyanski has indicated an interest in working on the Hydrothermal Karst categories.

Data Use Agreement Perhaps also of interest is the existence of a *Data Use Agreement* recently worked out by the ASF in Australia to facilitate the organisational arrangements needed for the updating and use of cave data by national and local organisations.

Peter Matthews

Note of Editor: I am deeply appologizing to Peter Matthews for substantial delay in print of this report which I forgot to insert into UIS Bull. Vol. 42 and 43.

Pavel Bosák

New UIS Commission on Cave Mineralogy

At the International Congress at La Chaux-de-Fonds, Switzerland, on August 16, 1997 the UIS endorsed a new permanent commission on Cave Mineralogy with Carol A. Hill as president. Ten identified targets for this commission are:

- (1) Definition of mineralogical terms (e.g., "speleothem").
- (2) Recognition and approval of new cave minerals, speleothem types and subtypes, and new speleothem names.
- (3) Overlap and interrelationships with other international and national groups like the International Mineralogical Association.
- (4) Education of show-cave and mine-cave owners, cavers, and the general public as to the value of speleothems and cave minerals.
- (5) Conservation of cave minerals and speleothems.
- (6) Problems associated with the scientific sampling of speleothems, and register of speleothem samples already residing in various universities and museums.
- (7) Bibliographic files on cave mineralogy articles.
- (8) Translation of cave mineralogy articles into English and publication in *Chemical Geology*.
- (9) Link with other UIS commissions such as that of protection/restoration.
- (10) Protection of cave and mine-cave minerals by legislative action (e.g., to stop the import/export of speleothems worldwide).

The first working group of this new commission has already been established, that of Genetic Mineralogy, with Charlie Self as chairperson. The group will meet every 4 years at the International Congress, and do all intervening business by E-mail and Web pages.

The first working group of this new commission has already been established, that of Genetic Mineralogy (Ontogeny) with Charlie Self as chair (V. Maltsev, C. Self, W. White, B. Onac, C. Hill). Charlie Self has also proposed a special library (Univ. of Bristol Speleological Society) to house papers/books on genetic mineralogy and related topics. Charlie also says that the Stepanov archive is already compiled in Russian and translated into English for publication into *Cave Geology*.

Carol A. Hill
President

Table Ronde Sur La Protection Du Karst.

En guise d'introduction:

"Le karst est un milieu excessivement fragile qui recèle des valeurs patrimoniales exceptionnelles. En outre, le milieu souterrain karstique, celui des grottes, rivières souterraines et des nappes aquifères des roches calcaires et qui constitue un habitat pour certaines espèces souterraines, présente souvent un intérêt paysager, biologique, géologique, minéralogique, géomorphologique et archéologique majeur.

** Les problèmes de réflexion quant à la protection et la conservation du karst semblent être identiques dans bien des pays.*

La réalisation d'un inventaire des actions menées et des moyens mis en œuvre dans chaque pays afin de protéger le karst permettrait à tous de bénéficier de l'expérience des autres.

**Les multiples intérêts des sites karstiques sont à prendre en considération et requièrent, parfois même avec une certaine urgence leur protection. Elle n'est malheureusement possible que par l'application de textes dans les législations nationales, européennes et internationales en rapport avec tous les domaines qui ont une incidence sur l'environnement du milieu calcaire en vue d'une gestion intégrée: conservation de la nature, du patrimoine naturel et culturel, aménagement du territoire, gestion et protection des eaux, gestion et prévention des pollutions...*

La recension des buts et des moyens visés par ces textes pourrait être d'une grande utilité. Chaque pays pourrait ensuite s'en inspirer pour faire respecter un „livre blanc du karst“ dans lequel nous aurions établi de commun accord les priorités.

** Cette table ronde a également pour mission de redynamiser la Commission Protection de l'U.I.S. et de déterminer ses lignes d'action pour les quatre prochaines années.*

Un intérêt évident:

Cette table ronde a finalement réuni durant toute une après-midi ensoleillée quelques 53 participants en provenance de 19 pays. Plusieurs sujets ont été librement débattus et largement illustrés par des expériences rencontrées dans les différents pays.

Des sujets de débat variés et animés

- Les expériences relatées aboutissent à un premier consensus: la protection du karst doit être basée sur des textes légaux structurés au niveau de chaque pays, voire même au niveau international en conférant aux zones karstiques un statut valorisant et semblable à celui-ci des zones humides.

- Si l'assemblée est unanime sur la nécessité de protéger le karst, elle a été amenée à réfléchir sur le pourquoi de celle-ci. Pour en faire bref résumé, l'eau, la faune, le paysage, l'archéologie et les minéraux sont à préserver au travers des temps face aux industries, aux spéléos, au tourisme et à l'agriculture.

- Le transfert des compétences de la Commission de Protection de l'U.I.S. en matière de grottes touristiques au profit l'International Show Caves Association (I.S.C.A.) a suscité un long et très animé débat. Certains, en l'occurrence des exploitants de grottes, soutiennent qu'ils ont tout intérêt à protéger correctement leur grotte sans quoi ils hypothéqueraient leur propre gagne pain. Si on peut admettre la bonne foi de quelques gérants qui prétendent que l'exploitation touristique réfléchi d'une grotte est une des meilleures protections, il faut reconnaître que c'est rarement le cas. Trop nombreux sont en effet encore les pays où par manque de législation, le propriétaire et/ou l'exploitant, peu regardants du patrimoine qui leur est confié, font tout ce qu'ils veulent parce que les objectifs de rentabilité à court terme priment sur les objectifs de protection qui eux visent le long terme.

- A propos de la dénomination de la Commission U.I.S., l'assemblée estime qu'en terme de protection, le vocable „cave“ est trop restrictif et préfère l'association des „karst and caves“.

La motion finale

Les participants ont clôturé leurs débats en rédigeant une motion qui a été entérinée par l'assemblée générale de l'Union Internationale de Spéléologie.

1. L'assemble remercie le Prof. France HABE (Président de la Commission) pour tout le travail accompli et suggère de l'élever au rang de „Président d'honneur“.

2. Elle propose „Karst and caves protection“ comme nouvelle dénomination de la Commission U.I.S.

3. Elle manifeste sa volonté pour que la commission veille à ce que la mise en évidence du domaine souterrain karstique soit réalisée par les exploitants de grottes ouvertes au tourisme, afin d'en assurer la pérennité, dans le respect total du biotope et du fragile patrimoine millénaire qui leur est confié.

4. Les principaux buts à atteindre durant les quatre prochaines années sont:

- La rédaction de nos motivations: Pourquoi protéger le karst et les grottes?

- La généralisation sur le plan mondial de l'interdiction de la commercialisation et de la vente des cristaux du milieu karstique.

- L'établissement d'un inventaire des problèmes de protection rencontrés dans chaque pays et des solutions trouvées afin que les autres puissent profiter de l'expérience et ne soient pas obligés de refaire tout le travail.

- La réalisation d'un inventaire des sujets de loi en matière de protection du milieu karstique et de son écosystème.

- La mise au point des bases d'un statut de valorisation des zones karstiques semblable à celui des zones humides.

- L'uniformisation des codes de déontologie pour les visites de grotte.

- Le soutien de la Commission à des actions de sauvegarde de grande urgence.

5. Olimpio MARTINS (Portugal), Ernst HOLLAND (Australie) et Paul DUBOIS (France), ces deux derniers s'occupant plus particulièrement des grottes touristiques constituent les bases du groupe de travail de la Commission Karst and Caves Protection de l'U.I.S. qui a été placée sous la Présidence de Jean-Pierre BARTHOLEYNS (Belgique).

Il est demandé à chaque pays membre de communiquer au président de la Commission le nom et l'adresse de la personne qui s'occupera plus précisément des problèmes de protection.

Round Table About Karst Protection

By way of introduction

"Karst is an extremely fragile environment which hide exceptional patrimonial values. Moreover, the karstic underground environment, the caves one, underground rivers and waterbearing beds from chalkly rocks which form a habitat for some underground species, offer frequently in landscape; biological, geological, mineralogical geomorphological and archeological a major interest.

** Consideration problems about protection and conservation of karst seam to be identical in many countries.*

The realisation of an inventory resuming the actions carried out and the means to leave no stone unturned in each country as to protect karst would allow everyone to benefit of other experience.

The mifold interests of the karstic sites has to be taken into consideration and call, even sometimes urgently, upon protection. Unfortunately this is only possible by the application of texts in national, european and international legislation in all fields in connection with chalkly soil midst in order to foreseen an intagrated management: nature conservation, natural and cultural heritage, territory development, protection and water management, management and pollution deterrent...

Record of means and objectives aims by these documents could be of a great use.

Each country could then draw up inspiration from them in order to enforce a „Karst white book“ in witch by common agreement we should have established the priorities.

The mission of this round table is also to redinamysse the U.I.S. Protection Commission and to decide ways of action for the next 4 years."

Un obvious interest:

Eventually this round table has joined together during a sunshine afternoon some 53 people from 19 countries. Many subjects have been freely discussed and broadly illustrated by experiences met in different countries.

Various and lively subjetscs in discussion

- Related experiences came to a foremost consensus: karst protection has to be based on legal text established by each country, or even at international level by awarding at karstic zones a valorising status similar to moist zones.

- Although the assembly unanimously approved the necessity to protect the karst, it had to consider why protect it? To resume it briefly, water, fauna, landscape, archeological and minerals are to be preserved through the times confronting to industries, speleologists, tourism and agriculture.

- The transfer of abilities from the U.I.S. commission of protection in matter of tourist caves to the International Show Caves Association (I.S.C.A.) has raised up a long and very lively discussion. Some in fact caves operators, sustain it is of their own interest to correctly protect their cave, doing otherwise they should mortgage their own means of living. If we may accept the quite sincerity of a few managers which claim that a considerate tourist exploitation of a cave is one of the best protection, we must admit that it is rarely the case. Still too many countries are by lack of legislation, the owner and/or the operator, careless of the patrimony they are entrusted, do everything they want because the rentability of their short term aims surpass the protection objectives which them aim at the long term.

- About the U.I.S. Commission denomination, the assembly estimates that in term of protection, the word „cave“ is too restrictive and it prefers the term association „karst and caves“.

The final proposal

The participators have conclude their debates by drawing up a proposal which has been ratified by the U.I.S. general assembly.

1. The assembly thanks gratefully Prof. France HABE (Chairman of the Commission) for the whole performed work and suggest to promote him to „Honorary Chairman“.

2. It suggests „Karst and Caves Protection“ as the new denomination of the U.I.S. Commission.

3. It want the commission to keep watch for presenting of the underground karstic environment will be realised by the tourist caves managers to make sure their long life with total reqspect of the biotope and the fragile millennium patrimony which are given to them.

4. The main objectives to be reached during the 4 next years are:

- The drawing up of our motivations: why protect the karst and caves?

- As world project the general interdiction of commercialisation and selling of crystals from karstic soil.

- An inventory record of protection problems encounter in each country and the solutions founded so as to allow the others to pofit of the experience and were not bound to start the whole work again.

- Carry out an inventory of law rules according to the protection of karstic surroundings and his

ecological system.

- Restatement of sound valorisation regulations of karstic zones similar to the moist zones.
- Standardisation of deontology codes for caves sightseeing's.
- The support of the safe-keeping commission for some actions in case of great emergency.

5. Olimpio MARTINS (Portugal), Ernst HOLLAND (Australia) and Paul DUBOIS (France), these two last ones more particularly taking care of the tourist caves constitute the basic working group of the U.I.S. Karst and Caves Protection Commission which has been set under the Presidency of Jean-Pierre BARTHOLEYNS (Belgium).

It has been required to each UIS member country to inform the President of the Commission of the name and address of the fellowship more particularly taking care of protection problems.

Jean-Pierre Bartholeyns

BARTHOLEYNS, J-P. (see UIS Address List)

MARTINS, O. Parque Natural S. A. Candeeiros - Jardim Municipal - 2040 Rio Major - Portugal

Tel: ++351-43-90168, Fax: ++351-43-92605

HOLLAND, E., P.O. Box 1495, Bathurst N.S.W. 2795 - Australie.

Tel: ++61-2-6332 5888 Fax: ++61-2- 6332 9399, E-Mail: jenolan@ix.net.au

DUBOIS, P. (see UIS Address List)

New discoveries

Lamprechtsofen - the deepest cave of the world

The Polish expedition linked cave labelled PI-2 to Lamprechtsofen (the Leoganger Steinberge massif, the Northern Calcareous Alps, Austria) on 19 August. Andrzej Ciszewski was, as almost always in the past, the team leader. The expedition explored Vogelschacht cave, which has been a part of Lamprechtsofen since 1995. More than 1 km of new series was discovered. The series led to PI-2 cave at the level of about -400 m. The new depth of Lamprechtsofen reached 1632 m. Thus Lamprechtsofen became the deepest cave in the world.

This achievement crowns 24 years of Polish exploration of the Leoganger Steinberge massif. In this time almost 30 Polish expeditions carried out exploration in the massif. They worked in Lamprechtsofen, as well as in Nebelsbergkar area on the slopes of the massif. The most significant steps in the exploration of Lamprechtsofen carried out by Polish cavers were: (1) 1979 - reaching the vertical extent 1022 m in Lamprechtsofen during climbing up from the cave entrance; (2) 1990 - linking of N-132 to Lamprechtsofen which became the deepest cave traverse; (3) 10.08.1995 - linking of Vogelschacht to Lamprechtsofen which made the depth of 1484 m, Lamprechtsofen became the second deepest cave in the world; (4) 19.08.1998 - Lamprechtsofen became the first deepest cave in the world due to the link with PI-2 cave.

Michal Gradziński

Caving Commission of Polish Mountaineering Association

Hoehlenkundliche Monographien des deutschen Sprachraumes

Seit ich im Mai 1998 die ehrenamtliche Arbeit als Bibliothekar des Verbandes der deutschen Höhlen- und Karstforscher abgegeben habe, kann ich endlich einen jahrelangen Traum verwirklichen. Ich möchte eine Bibliographie der hoehlen- und karstkundlichen Monographien des deutschen Sprachraumes von 1XXX - 2000 (Arbeitstitel) erarbeiten und publizieren. Diese Arbeit soll sich an die Bibliographie von J.-M. Mattlet anlehnen.

Mit meinem Co-Autor Elmar Hammerschmidt bin ich auf der Suche nach Literaturhinweisen und Mitarbeitern. Derzeitig haben wir schon etwa 800 Titel in unserer Datenbank. Dieser Datenbestand ergibt sich aus meiner SPELIS-Datenbank der Verbandsbibliothek und unserem eigenen Literaturbesitz. Dieses Projekt wird sich aufgrund seines Umfangs natürlich bis zur Fertigstellung noch einige Jahre hinziehen. Wir wuenschen uns in erster Linie Titelmeldungen von sog.

Grauer Literatur, die ausserhalb des Buchhandels und abseits der höhlenkundlichen Vereine und Verbaende publiziert wird (auch Diplomarbeiten u. Dissertationen). Diese ist in Allgemeinbibliographien und auch oft in Spezialbibliographien nicht verzeichnet. Desweiteren suchen wir natuerlich alte Höhlen- und karstkundliche Literatur.

Da wir die Bibliographie in Anlehnung der DIN 1505 und der Regeln der Alphabetischen Katalogisierung und weitgehend in Autopsie erstellen wollen, haben wir bezüglich der Titelmeldungen eine vielleicht aussergewöhnliche Bitte: Um die Richtigkeit der Literaturzitate zu gewährleisten, wünschen wir uns ein Freiemplar jeder Arbeit. (Das gilt natürlich nur fuer Neuerscheinungen oder noch vorhandene Exemplare).

Sollte dieses nicht möglich sein, würde uns eine Fotokopie der Haupttitelseite(n) und (oder) des Copyrightvermerkes mit den folgenden Angaben genuegen: Dazu gehören Umfangangabe, Beigaben (Abb., Tafeln, Tabellen, Fotos und lose oder beigeheftete Planbeilagen, Buchformat in vollen cm) und möglichst eine kurze Annotation. Bei verschiedenen bisher erschienenen Auflagen benoetigen wir alle differierenden Angaben wie Umfang, Beigaben usw. mit den jeweiligen Erscheinungsjahren. Um diese Arbeit auch inhaltlich und geographisch zu erschliessen, waeren einige (Spelaologische-) Schlagworte und eines oder mehrere geographische Schlagworte noetig. Die Adresse der/des Herausgebers waere wuensenswert. Ueber den oder die Autoren haetten wir gern einige biographische Lebensdaten. Bei Bedarf wuerden wir einen systematischen und geographischen Thesaurus (Liste) als Ausdruck, ASCII-File oder HTML-Dokument zusenden oder auf einer Internet-Homepage zum Download zur Verfügung stellen. Bei weitergehenden Fragen stehe ich natürlich zur Verfügung. Bevorzugen würde ich dann allerdings E-Mail.

g.hoffmann@ghspelis.ruhr.de
Guido Hoffmann, Begonienstr. 58, D - 44289 Dortmund

Obituaries

Thomas BITTERLI (28.8.1959 - 25.10.1998) and **Maja KOEPEL** (5.11.1971 - 25.10.1998)

The committee, the sections and the members of the Swiss Speleological Society SSS, Bern, October 27, 1998. With deep sorrow and grief we'll have to accept the fact that our colleagues and friends didn't return from a caving expedition in the Bernese Oberland. We are indebted for the work you've done for us, and we miss you very much.

Prof. Dr. Peter HABIÆ (September 29, 1934 - December 24, 1998)

It is with much sadness that we report that in the morning before Christmas the heart of Dr. Peter Habiaë stopped; he was well known Slovene geographer, karstologist and speleologist. In 1934 he was born at Vrhnika and during secondary school already he started to become acquainted with karst and karst underground more in detail guided by Prof. Pavel Kunaver. At that time he joined the cavers of Ljubljana and after leaving examination (1954) he registered at Department of Geography at Ljubljana University. He graduated (1960) by studying his native town Vrhnika. Anton Melik, his professor, used to direct his best students (Peter Habiaë was prize-winner of two Premieren Awards) into promising fields of research. He destined Peter Habiaë for karst. For his doctoral degree (1964) he studied in detail an important part of the Slovene High karst, these are karst plateaus from Banjšaice to Nanos. In 1962 he was appointed assistant at the Karst Research Institute of the Slovene Academy of Sciences and Arts in Postojna and he spent almost his entire professional life there. In 1965 he became a scientific co-operator, in 1970 higher scientific co-operator and in 1975 scientific adviser; in 1989 he was nominated as a regular professor for physical geography at Ljubljana University. In the years 1964-1974 he was assistant head of the Institute and from 1976 to 198 its head. As professor he passed his knowledge of karst and its properties as well as his rich experiences to students in form of periodical lectures at the Department of Geography in Ljubljana. From 1993 until he retired he was the manager of Postojnska Jama.

In few words it is difficult to tell everything that Peter Habiaë was occupied with in these three decades of scientific-research work on karst. He took a special interest in karst geomorphology and hydrology and in caves as underground helps to explain the development of karst landscape and water drainage. He paid special attention to climatic influences on development of karst relief in Slovenia. He also studied sediments on karst surface and underground and the influence of neotectonic movement impacts on karst underground. In karst hydrology, also, Peter Habiaë contributed a lot of new knowledge, in particularly in the karst underground. He studied underground water connections minutely and he conducted several water tracing tests, specially in the river basins of the Ljubljana, Kolpa and Soæa. Till then these were the most extensive studies of the kind in Slovenia. Related to water tracing tests he was also the member of international group studying water connections between karst poljes on Peloponnese.

This ample and diversified research work is reflected in his published works also. In the years from 1959 to 1995 he published 117 scientific and professional contributions, among them a monograph on karst area

between the Idrijca and Vipava rivers in 283 pages and 26 other articles (reports, expert's reports, expertises). He was also editor and co-editor of numerous publications (Underground Water Tracing, People and Places on Pivka, Man's Impact in Dinaric Karst) and member of editorial boards (Naše jame, Geografski vestnik). Here we specially remember him as our colleague in editorial board during many years and I think it is not exaggerated to say he was a creator of Acta carsologica. From 1955 to 1974 five volumes of Institute's publication Poroèila - Acta carsologica were issued. In 1974 the sixth volume appeared and the name of Peter Habiaè as the member of editorial board for the first time. This volume also changed the title from "Poroèila (Reports) - Acta carsologica" to "Acta carsologica - Krasoslovni zbornik (Karstological Proceedings)", also the outer visual appearance changed and till then the sixth volume was the largest - 420 pages. Peter Habiaè was member of editorial board to 1982, in 1983-1987 he was co-editor and in years 1988-1992 editor and in the year 1993 he was member of editorial board again. In the time when he was the editor Acta carsologica changed from miscellany appearing periodically into regular annual publication. Obviously Peter Habiaè creatively contributed at publishing the proceedings enriching them by 31 contributions; at 23 of them he was the only author and at 8 he had co-authors. This means that he either as author or co-author wrote 752 pages for Acta carsologica. He took an active part in these proceedings for almost 35 years, the first article he published in 1963 (vol. 3) and the last one in 1997 (vol. 26).

This short notice is not meant to be the evaluation of Habiaè's extensive research work on karst or of his numerous and substantial printed contributions but to let know readers and co-operators of Acta carsologica, among which there are his numerous friends and professional colleagues all over the world this sad fact.

Andrej Kranjc

Prof. Vladimir Jordanov POPOV (March 7, 1912 – March 19, 1998)

The founder of modern karstology in Bulgaria- Prof. Vladimir Popov- died. He was born in 1912 in the city of Stara Zagora. He finished the study of geography at Sofia University "Sveti Kliment Ohridski" and since 1936 he was teaching for 20 years geography in the best high schools.

Enthusiastic researcher, he carried out with success the teaching, popularisation and research activities. His talent of scientist was fully appeared after the foundation of the Institute of Geography of the Bulgarian Academy of Sciences, where he started in a position of geomorphologist in 1955. He studies different geomorphological zones of Bulgaria-marine, glacial and periglacial. His greatest love up to the very end was in karst studies.

About 50 publications and monographs, 13 books and more than 150 publications were dealing with karst morphology. The principal his contributions were in the solution of the distribution and morphology of Bulgarian karsts, speleogenesis of larger caves, typology and regionalisation of karst.

He is founder of unified Bulgarian karst terminology. He was the first who surveyed caves. He worked on recent analytical methods in laboratories and in sites in karst. Together with Polish colleagues he was the first who published data on chemical denudation in Bulgaria. The priorities he found in protection of caves and rational utilisation of touristically open caves.

Prof. V. Popov was the member of the UIS Commission on Karst Denudation and during the 4th International Congress of Speleology in Olomouc he was awarded by the Golden Medal. He was an active participant of many international karst events, where he has a lot of friends. He left, to them and to his students, the research spirit and many scientific ideas.

Peter Delchev

Prof. Antonio NUÒEZ JIMÉNEZ, DSc.

With a deep regrets we inform that Prof. Nuñez Jiménez died suddenly on September 23, 1998 in La Habana, Cuba. Detailed obituary you can find in the next UIS Bulletin.

UIS Bureau

Salvatore DELL'OCA (1924 - 1995)

With some delay we were informed of the untimely death of Salvatore Dell'Oca, one of the best friend among the Italian speleological community. During his youth he explored and studied many cave in Lombardy (Italy) but his most important contribution is related to the foundation of the „Rassegna Speleologica Italiana“ which was presented at the 3rd Italian Congress of Speleology held in Chieti in 1949. Successively, since 1951

this journal became the the official journal of the Società Speleologica Italiana. But such a journal, which was really instrumental in the development of speleology in Italy until 1973 when its last issue was published, was not the only important contribution of Salvatore Dell'Oca. In fact, in addition to the series of the „Memorie“ della Rassegna e della SSI and the „Didactic guide-books“, he organized also Congresses and Symposia (as the unforgettable International Symposium on Natural Cave Deposits in Varenna, 1960) and published the proceedings. What is probably not known to many persons who had the chance to meet him, is his great generosity which was the fundament of all his endeavours, since he charged himself of every cost without any idea of a possible return. After the „Rassegna Speleologica Italiana“ ceased to be published in 1973, he was no longer interested in speleology but the persons who knew him and could appreciate his fundamental contributions were happy to keep friendly relations with him. Now we all miss him greatly and express our sympathy to his Family.

Arrigo A. Cigna

Note of Editor

Dear readers,

I would like to appologize the delay in editing the **UIS Bulletin**, Vol. 44, Nos. 1/2, 1998, which was caused by external reasons, not connected with the UIS life. The next **UIS Bulletin**, Vol. 45, Nos. 1/2, 1999 will be published within a common time, approximately at a half of this year.

As the **UIS Bulletin** has been available on INTERNET on the UIS WEB SITE:

<http://rubens.its.unimelb.edu.au/~pgm/uis.html> for at least two last years, I would like to ask you:

(1) to send me actualised data on your address, phone/fax, e-mail, personal web page, and information

(2) if you wish to obtain the **UIS Bulletin** as a hard copy or you will use an electronic form via out web pages.

The form you can kindly find on the 2nd page of the **UIS Bulletin** cover. Those, who will not send us the filled form up to the end of 1999, they will not obtain printed hard copy of the **UIS Bulletin** starting with Vol. 46, 2000. I would like to ask all, not only those interesting to obtain hard copy, to fill the attached form (return card) for the actualisation of our databases.

The reason of such research is to decrease the cost of the publishing, as the price of mail and print is growing year by year, more a lot of **UIS Bulletins** are returning owing to not announced changes of addresses.

Pavel Bosák

UIS Bulletin Editor-in-Chief

SPELEOLOGICAL EVENTS IN 2000

For national events in the U.S.A. see, please, the Calendar in each number of the NSS News, the updated event calendar can be found on the UIS Speleo Calendar at <http://rubens.its.unimelb.edu.au/~pgm/uis/events.html>

N	I Congreso Nacional Argentino de Espeleología	2000 01.29. - 02.06.	Malargüe, Argentina	Inst.Argent.Invest.Espeleol.	Instituto Argentino de Investigaciones Espeleológicas, Tomasa de San Martín 752, Barrio Parque, (5613) Malargüe-Mendoza, Argentina, fax:++54-2627-470455, t.: ++54-2627-583830 fee: 70 USD
N	2nd Czech-Polish Workshop On recent geodynamics of the East Sudety and adjacent areas	2000 04.06 - 04.08	Boleslawow, south Poland, exc. to Bear Cave	Agricultural Univ. Wroclaw, Inst.Rock Struct.Mechan.Acad.Sci .Czech.Rep., PAN	Agricultural University of Wroclaw, Dept. Geodesy, Grunwaldzka 53, PL-50-357 Wroclaw, Poland Fee: 150 USD
I	5th International Symposium on Glacier Caves and Cryokarst in Polar and High Mountain Regions	2000 04.14 - 04.18	Courmayeur, Italy	UIS Comm. on Glac. Caves and Karts in Polar Reg.	Dr. G. Badino, Via Cignaroli 8, I-10152 Torino, t.: ++39-11-4361266, e-mail: badino@to.infn.it, fee: 250 EUR
I	National Congress of Speleology of the Cuban Speleological Society on 60 th Anniversary of the Foundation - Speleology for the new Millenium	2000 04.16. - 04.22.	Camagüey, Cuba	SEC	Dr. Angel Gra_ a Gonzales, 5ta B. No. 6611, Entre 66 y 70, Miramar, Playa, La Habana, Cuba, T.: (537)-292885Fax: (537)-240438, e-mail: funat@artsoft.cult.cu or Biokarst@cidea.unepnet.inf.cu
I	Safety, Stop Program	2000 04.22.	France	SSF	Jaques Michel, 30 rue Clément Janin, F-21000 Dijon, T.: 0033-3-80638163, Christian Thomas, 27 cours de Vincennes,

	and Rescue in Caving Diving	- 04.24.			F-75020 Paris, T.: 0033-1-43736929, e-mail: couturier.pla@sni-de or ffs@ffspeleo.fr web: http://www.ffspeleo.fr
I	EXPLO 2000-4th European Caving Expedition Symposium	2000 04.29. - 05.01	Profondeville, Belgium	Explo.Commis.of UBS	Comex, Explo 2000, Chaussée de Wavre 300, B-1390 Grez-Doiceau, Belgium, t.: ++32-4-3426142, fax: ++32-4-3421156, e-mail: ubs@speleo.be, web: http://www.speleo.be/explo2000, fee: 10 EUR
I	ALCADI 2000-5th International Symposium	2000 05	Zadar, Croatia	Croat.Speleol.Feder.	Croatian Speleological Federation, Nova Ves 66, HR-10000 Zagreb, Croatia, t./fax: ++385-1-4666586, e-mail: mgarasic@public.srce.hr
I	8th International Karstological School-Classical Karst: Collapse Dolines	2000 06.26 - 06.29	Postojna, Slovenia	Karst Res. Inst. SAZU, Speleol.Assoc.Slovenia	Karst Res. Institute ZRC SAZU, Titov trg 2, SLO-6230 Postojna, Slovenia, t.: ++386-67-7001900, fax: ++386-67-7001999, e-mail: IZRK@ZRC-SAZU.SI Fee: 100 DEM
I	Karst Studies and Problems: 2000 and beyond post-Conference trip (see Climate Changes)	2000 07.20. - 07.26.	Cluj, Romania	Speleological Institute in Cluj	Dr. Bogdan Petroniu Onac, Speleological Institute in Cluj, Faculty of Biology and Geology, Cluj University, e-mail: bonac@bioge.ubbcluj.ro, web: http://www.uib.no/People/nglbn/karst2000.htm or www.geocities.com/Yosemite/Geyser/3479/index.html
I	Climate Changes-the Karst Record II pre-Conference trip Conference (Kraków)	2000 07.27. - 08.09. 07.27. - 07.30. 07.31. -	Moravian Karst, Kraków, Polish and Slovak Tatras Mts., Czech Republic, Poland, Slovakia	Inst.Geol.Sci., Polish Acad. Sci., Inst. Geol.Acad.Sci.Czech Rep., Management of Slovak Caves	Dr. Helena Hercman, Institute of Geological Sciences, PAN, ul. Twarda 51/55, PL-00-818 Warszawa, Poland, e-mail: kras2000@twarda.pan.pl, web: http://www.ing.pan.pl/kras2000 Fee: 300 USD Exc. pre: 350 USD Exc. post:150 USD

	post-Conference trip	08.04. 08.05. - 08.09.			
I	1st International Conference on the karst and caves of Guizhou	2000 07.31. - 08.14.	Guizhou, China	Guizhou Sci.Technol.Comm.	Ms. Wu Jie, Foreign Affairs Dept., Guizhou Sci.Technol.Comm., Guiyang 550002, Guizhou, China, t.: ++86-851-5815263, fax: ++86-851-5827452, e-mail: wujie@kwmail.gz.cnifo.net, fee: 25-30 USD per day
I	31 st International Geological Congress <i>pre-Congress excursion</i> Bft 17-Karst Geomorphology and Geospeleology of the Chapada Diamantina Region, Center of Bahia State, Brazil (Dr. I. Karman, 5 days, 600 USD) <i>during-Congress field trip</i> Dft 11-Environmental Protection-Area Karst of the Lagoa Santa (Minas Gerais State, Eastern	2000 08.06. - 08.17.	Rio de Janeiro, Brazil	IUGS	31 st International Geological Congress, Secretariat Bureau, Av. Pasteur, 404-Casa Brazil 2000-Urca, Rio de Janeiro-RJ-Brazil, CEP 22.290-240, T.: 0055-21-2955847, Fax: 0055-21-2958094, e-mail: 31igc@31igc.org, web: http://www.31igc.org fee: 100-350 USD

	<p>Brazil)(J.A . de L. Cabral et al., 2 days, 450 USD)</p> <p><i>post-Congress excursions</i></p> <p>Aft 07- Surface Karst, Caves and General Geomorphology of the Upper Ribeira River Valley, South of Sao Paulo State, Brazil (Dr. I. Karman, 4 days, 500 USD)</p> <p>Aft 16- Quartzitic Caves from the Ibitipoca Range, Southern Minas Gerais State, Eastern Brazil (A.V. Correa Neto, 450 USD)</p>				
I	IGU Karst Commission field trip and meeting	2000 08.06. - 08.12.	Indonesia	IGU	
I	29 th International Geographical Congress - S2: Karst Geocosys	2000 08.14. - 08.18.	Seoul, South Korea	IGU	web: http://www.geog.snu.ac.kr/igc2000 e-mail: igcseoul@plaza.snu.ac.kr fee: 350 USD

	tems and Environmental Management				
I	3rd International Symposium on Souterrains	2000 09.15 - 09.19.	Paklenica, Croatia	Croatian Mountaneering Assoc.	Marko Andreis, Prilaz Ivana Visina, HR-10020 Zagreb, Croatia, t.: ++385-1-6551543, e-mail: marko.andreis@zg.tel.hr
I	International Symposium and Field Seminar: Karst 2000: Present and future trends in karst studies	2000 09.17. - 09.26.	Marmaris, Turkey	Hacettepe Univ.	UKAM, Hacettepe University, TR-06532 Beytepe, Ankara, Turkey, Fax: 0090-312-299236, e-mail: karst@eti.cc.hun.edu.tr. web: http://www.karst.hun.edu.tr
I	International Conference on Cavelighting	2000 11.14. - 11.19.	Budapest, Hungary	MKBT	Hungarian Speleological Society, Pusztaszeri út 35, H-1025 Budapest, Hungary, t.: ++36-1-3460494, fax: ++36-1-3460495, e-mail: mkbt@mail.matav.hu, fee: 155-170 USD, trips: pre 50 USD, post 100 USD
N	Gongreso Andaluz de Espeleologia: Ronda 2000	2000 12.06 - 12.10.	Ronda (Málaga), Spain	Feder.Andal.Espeleol.	Federación Andaluza de Espeleologia, C/Ronda de Pio XII, 1A-2º-15, E-41008 Sevilla, Spain, t.:954358180, Fax: 954358760, e-mail: faespe97@arrakis.es or ronda2000@arrakis.es, web: arrakis/~faespe97
I	13 th International Congress of Speleology + 4 th Speleological Congress of Latin America and Caribbean Countries (CEALC) + 26 th	2001 07.01. - 08.06. 07.01. - 07.14. 07.1	Brasilia, DF., Brazil	UIS + FBS	Jose Ayrton Labegalini, e-mail: jal@sulminas.com.br

	Brasilian Speleological Congress (FEB) pre-Congres program Congress post-Congres program	5. - 07.1 1. 07.2 3. - 08.0 6.			
I	Conferenc e on Sustainable Developm ent in Karst Regions	2001 08.2 4. - 08.2 7.	Beijing, China The Geological Society of China Mr. Wang Wei, Miss Wang Yanjun, The Geological Society of China, No. 26 Baiwanzhuang, Beijing 100037, China, T.: ++86-10-68311539, Fax: 0086-10-68311324, e-mail: cagsdic@public.bta.net.cn		
N - I	8º Congreso Espanol de Espeleología	2001 10.1 2. - 10.1 4.	Alcalá de Henares, Madrid, Spain	FEE	Federación Madrileña de Espeleología, Estadio de la Comunidad de Madrid, Avda. de Arcentales s/n, E-28020 Madrid, Spain, t.: 91-3203702, fax: 91-3203734, e-mail: fmespeleo@mx3.redestb.es

Note: I - International event, R - Regional event, N - National event

In the table, we mention only such events which are announced to the UIS Secretary General, the dead-line for acceptance for the print is **March 15** each year, except years in which the International Congress of Speleology is held (dead-line for winter and spring - February 15, dead-line for summer, autumn and winter - June 15)

IMPORTANT NOTE

to all organizers of the speleological events. The use of the name and/or logo of the International Union of Speleology (UIS) in the title or subtitle of the event brings some duties:

(1) the use of the name and/or logo have to be confirmed by some of the UIS Bureau members, and

(2) the use of the name and/or logo is against the payment. According to the motion of the Assembly General of the 9th International Congress of Speleology, Bowling Green, USA, July 22, 1981, point 4, the payment per capita in the UIS events are set ***at 5% of the event registration fee, with a minimum of 3 USD*** (see UIS Bull., 22, 1/2, p. 28).

I wish to obtain the **UIS Bulletin** as a printed hard copy

yes no

Please send my copy of the **UIS Bulletin** to the following address:

Name, surname
Title
Street
City:..... Zip Code:
State
Tel./Fax
E-mail
Web site

Dr. Pavel Bosák
UIS Secretary General
c/o Czech Speleological Society
Kališnická 4-6
130 00 Praha 3
Czech Republic

I will obtain my copy of the **UIS Bulletin** from the UIS web page

yes no

Date, place:

Signature: