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ICCP News

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From the Editor

There is always much to say in the issue containing the annual meeting reports, many congratulations to be given, and warm welcomes to new members. However, I am going to devote this space to the following single item:

The President has asked you for your comments and thoughts about the

proposed change in status of the ICCP to a more formal body

Read the information given in Appendices VII and VIII

Look through old editions of ICCP News for more information

Discuss this with your colleagues

Send your comments to the President

Write letters to the editor

Do not sit idly by. This is the most important single issue facing ICCP and will determine our future. Participate in the process.

Cheers and happy reading

Peter

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From the President

BUDAPEST MEETING AND TSOP 2004 MEETING

The 2004 Budapest meeting was highly successful with good attendance, intense participation and a number of important developments. The Honorary Treasurer and Krystyna Tokarska Schwab were unable to attend because Rudi had just come out of hospital in Koln after an operation. We wish him a speedy and complete recovery (he returned to Chester in early October).

One disappointment was the absence of a small number of conveners of WGs. All three commissions got through a great amount of work as the minutes of the meeting show.

First, for those not able to attend I will write a few words about the setting for the meeting. The immediate setting can only be described as splendid. The MAFI building is a large square building with towers that was built at the turn of the 19th to 20th centuries. The lower floor is a museum, and wide marble staircases approached the meeting room on the third floor. Morning and afternoon "tea" were provided in a separate space at the back of the room; lunches were also provided there. Thus, short lunch breaks were the order of the week and it was possible to hold small group discussions at the back or outside in the corridors without disturbing the meetings. The organizing committee had been very thorough in preparing for the meeting and the director of MAFI was a most effective Chair of the organizing committee. Clearly, however, Maria Hamor Vido had done an enormous amount of work preparing for us.

Central Budapest is most spectacular and on our dusk to night tour of the city we were most fortunate to have Dr Endre Dudich (one of the vice-presidents of the Hungarian Geological Society) as a guide and he made both the history of the buildings and the geology of the city come alive. There can be few cities with such a complex interaction between the geology and the layout of a city. The Danube even looked rather blue at times and the buildings climbing the hills on the Buda side set off the splendour of some churches and the parliament buildings on the Pest side. It was difficult to realize that such a peaceful city had been so fought over, and so recently. Damage to one of the buildings on the Buda side had been preserved to provide an idea of how destructive the fighting had been. For those staying in the Stadion Hotel, the meeting ended with a fireworks display - a spectacular end to a good meeting.

The revised handbook now has a detailed content and the relationship between the previous publications and the revised handbook was agreed and this will be set out in detail in the Commission I minutes. It was agreed that Commission III will press on with an Accreditation Program for Coal Blends so this will mark another stage of indicating to coal scientists and to industry that we are serious about having workable, reliable and reproducible analysis systems. The vitrinite reflectance quality group in Commission II got to the point where it was ready to establish an Accreditation system for vitrinite reflectance measurements on dispersed organic matter but lacked a convener. In order to avoid having to wait another year, I offered to act a pro temporare convener for this. As President I have oversight of the Accreditation activities so there is a clash with my acting as a Convener but I indicated that the Convener activities would be under the direction of the Chair of the Accreditation Committee, currently Walter Pickel. In popular terminology, I will have to wear two hats. This caused some light-hearted discussion as to what sort of hat would suitable for a DOM convener. David Pearson suggested that a small black hat similar the that worn by the male dancer at the dinner would be most suitable, so if any members possesses an Hungarian hat, I will promise to wear it at appropriate times.

We need suites of samples for both these new activities. Elsewhere in this newsletter, there is an invitation to provide samples for the new programs of accreditation. The success of the programs is dependent on having good collections of samples. Please help if you can.

The field trip in the Budapest meeting took us to a lignite mine where the wood was a pale brown colour but I is being covered in more detail by a better writer than I, so I will leave a very enjoyable field trip at that together with a comment that the trip ended with a combined study of the interaction between rhyolite, funginite and a number of wines that was greater than three (by the end nobody was counting so I doubt if an error here will be corrected) from the Eger district.

Council business for the most part was discussed at the Plenary Sessions and no special report was made from Council. At the start of the meeting, we had formal invitations through to 2008 (Oviedo) but by the end of it we had preliminary invitations for 2009 and 2010 as well (Brazil and Belgrade). The Budapest meeting was the first where a

The Budapest meeting was the first where a formal presentation has been made on behalf of TSOP. As the TSOP President was unable to attend, Maria Mastalerz gave this. The inaugural presentation of the Organic Petrology Award was made later in the week to Maria Mastalerz.

Just a few days after I returned from Budapest, I went to the TSOP meeting in Sydney. The TSOP meeting reinforced how different the two organizations are in terms of the way that they function. Working meetings of the Commissions represent a very different setting compared with a more or less conventional conference with specialist talks and some keynote addresses together with a poster session.

On the opening day of the TSOP meeting, I followed two keynote speakers in making a presentation about the ICCP entitled "ICCP: what does it do?" Having to prepare this was a salutary activity and it made me think about a number of the things we do. Overall, we have quite a story of achievement to tell and seen from an overall perspective, much has been achieved in a surprisingly short period of time. It can also be argued that over the last 10 to 15 years, we have turned the initial developments in terminology into an ongoing program that makes us a much more active and directed organization than immediately before that period.

Hopefully, my presentation was able to give the audience a sense of purpose in the activities of ICCP. It was also evident from a number of the TSOP presentations that we do need to do better at getting other petrologists to understand and use our classifications. One view might be that ICCP is being unrealistic in wanting others to follow our classifications. However, that does not take into account the value of using standardized nomenclature wherever possible - being idiosyncratic can be extremely funny in film or TV productions, but it is not a sufficient justification for not following existing standards. Some of the presentations at TSOP used non-standard terminology and not a few were characterised by relatively simple misidentifications.

relatively simple misidentifications. Equally, ICCP as an organization must try to be approachable in terms of alterations to our nomenclature. If workers who are not members of ICCP wish to suggest amendments, they are free to do so, and I hope that we will seriously consider any proposals that are made. Until, however, non-ICCP members engage in discussions with ICCP, their objections to our terminology carry a lesser weight.

Returning to future meetings, the presentation given by the Patras organizing committee suggests that we have another very good meeting coming up in 2005. I don't think the jokes about slow preparations for the Athens Olympic Games are relevant to our meeting; everything seems very well organized already. A visit to Delphi is part of the attractions; it is good to know that our Patras colleagues think that ICCP members will not represent unfair competition to the oracles there.

ACC 8 October 2004

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From the Vice-President

Dear All,

My congratulations go to Maria Hamor-Vidó and her staff for the excellent meeting in Budapest. The MAFI building is something extraordinary of beauty, and we felt quite comfortable there.

You know that in Budapest the issue of "Revision of ICCP Statutes" was raised and people were informed that this was going to proceed in the future.

OK, we need inputs from the members, so that revision can reflect the member's will. Some questions that rise already from the present statutes and that could/should be discussed are:

- a) Registration of ICCP: we are not a registered organization, we must decide in which country. That will influence the statutes on legal questions, as we must stick to that country's law;
- b) Membership 1: as you all know the present statutes include the categories of Associate and Full Members. There is much discussion on the need for these 2 categories. Should we keep both, or should we have only one, and defining that the nomination/election for council positions can happen after X years of membership?
- c) Membership 2: could we introduce the category of "Student Member" in order to stimulate the interest on Organic Petrology?
- d) Membership 3: The approval for membership is done by the General Assembly by

recommendation of the Council. This slows the process of admission, which can be disencouraging for the applicant. Maybe the council, as elected by the Members therefore having their confidence, could decide on the approval and communicate to the General Assembly, instead of submitting to it.

- e) Tasks of Council members: the present statutes do not define what competencies each of the council members have. This should be clearly expressed.
- f) Power of Council: Should the Council have more powers to decide things, not needing to wait for the approval of the General Assembly, to speed up processes? Or no? If yes, which powers?

So, people, these are some questions that will bring up lots of discussion. Please fell free to write on this to me and contribute to the writing of more practical and updated statutes.

All the best for the coming year.

Lopo Vasconcelos VP, ICCP

Know Your Coal Petrologist #12



A little tricky this time due to the safety gear, so a hint: the petrologist in question has been standing too close to the retort while performing a CSR-CRI test at 1600 °C. Answer page 43.

MINUTES OF THE 56TH MEETING OF THE INTERNATIONAL COMMITTEE FOR COAL AND ORGANIC PETROLOGY - ICCP September 12 - 18, 2004, Budapest, Hungary

General course of the Meeting

The 56th meeting of the ICCP took place in Budapest (Hungary). The meeting was organised by the Geological Institute of Hungary and the Hungarian Geological Society from September 12-18, 2004. The meeting took place in the Building of the Geological Institute of Hungary. 47 Members of ICCP and 17 guests attended the meeting representing a total of 18 countries (Appendix I).

A one day symposium related to 'Environmental management implication of organic facies studies was held on Wednesday, September 15th. More information is included in Appendix II. The presentations will be published in special issue of 'The International Journal of Coal Geology'.

The audience was welcomed by the Chair of the Organising Committee, Dr. Károly Brezsnyánszky (President of the Hungarian Geological Society), followed by a welcome address from the Honorary Chairman of the Organising Committee, Member of the Hungarian Academy of Sciences, Dr. László Kapolyi on 'Advanced coal technologies will meet the challenges of the 21st century'. Non-Executive Director of MOL Rt. (Hungarian Oil Company), Dr. István Bérczi gave a plenary presentation on 'A short history of the oil and gas E&P in Hungary'.

After the coffee break, the first Plenary Session opened with the President Alan Cook in the Chair.

1. Apologies and other attendance matters

Apologies for non-attendance have been received from following members:

Peter Crosdale, Duncan Murchison, Aivars Depers, Claus Diessel, Jim Hower, Helmut Jacob, Krystyna Kruschewska, Bertrand Ligous, Zuleika Lopes Carretta, Slawomira Pusz, Rudi Schwab, Harold Read, Per Rosenberg, Krystyna Tokarska-Schwab, Bruno Valentim, Monika

Wolf, Nikki Wagner, Colin Ward Reports were received on the convalescence of Rudi Schwab who is recovering from a serious operation.

2. Minutes of the Utrecht meeting

The President asked the Plenary Session for confirmation of the minutes of the 55th ICCP Meeting held in Utrecht the Netherlands, August 10-16, 2003. The minutes as published in the ICCP News and with the following correction were approved as an accurate record of the meeting.

7. *ICCP Award for postgraduate students* should read *Young Scientist Award*. The same holds for Appendix VI (Short minutes of the council).

3. Results of Elections

Elections have been held for the position of Chair of Commission I. The successful candidate is Dr. Walter Pickel.

Details of the voting are shown below as reported by the Returning Officer Harold Smith. Number eligible to vote 147: Number of votes

- received 85 (58%)
- Candidate Lila Gurba received 20 votes: 24% of votes received
- Candidate Walter Pickel received 64 votes: 75% of votes received
- Abstention 1 : 1% of votes received

ELECTION of ICCP Officers 2005

No elections will be held in 2005

4. Future meetings

2005 Patras, Greece

The Department of Geology of the University of Patras will host the 57th meeting of ICCP meeting in Padras, Greece. The meeting will be held from 18-23 September 2005 at the Conference and Cultural Center (C.C.C.) of the University of Patras. The building is located within the University Campus. Dr. Kimon Christanis will organise the meeting.

2006, Indonesia

An invitation for hosting the 58th meeting of ICCP

in 2006 has been received from Dr. Hadiyanto of the Directorate General of the Geology and Mineral Resources - Directoriate of Mineral Resources Inventory - Coal Division in Bandung, Indonesia. More information on this information can be found in Appendix VII (Short minutes of the council)

2007 Victoria, Canada 2008 Oviedo, Spain 2009 Porto Alegre, Brazil 2010 Belgrad, Serbia and Montenegro

5. Membership

5.1 Associate membership

The following colleagues were elected to Associate Membership of the ICCP:

Glecy CALLEJA, Australia Gareth CHALMERS, Canada Shifeng DAI, China Darwin GMUR, Poland Vasyl KARABYN, Ukraine Jolanta KUS, Germany Jacek MISIAK, Poland Bhagwan D. SINGH, India

A short introduction for each new associate members based on their applications and CV's was given to the audience. A summary is given in Appendix III.

5.2 Full membership

The following Associate Member were elected to Full Membership of the ICCP:

Marc BUSTIN, Canada

5.3 Honorary Membership The following members was elected to Honorary Membership of ICCP:

Jack BURGESS, USA

John VLEESKENS, The Netherlands Certificates for Honorary membership were presented to both Jack and John.

5.4 Resignations

No resignation were submitted during the year:

5.5 Membership Directory

A new membership directory was produced by Peter Crosdale in August 2004 in conjunction with the General Secretary and the Treasurer. A feature of the directory was the inclusion of member's photos. Photographs of 115 of the 184 members

(63%) were obtained.

About half were taken during the meeting in Utrecht and the remainder were submitted following email requests. The directory will be distributed to all members along with ICCP News No. 33 and a password protected pdf file will be emailed.



Jack Burgess receives his Honorary Membership Certificate from ICCP President Alan Cook and General Secretary Petra David. Photo: M. Mastalerz.

6. Medals

6.1 Thiessen Medal Award

No recommendation for the Thiessen Medal was received for this year in accordance with the Council resolution ICCPC03/7/3/2.

6.2 Organic Petrology award

The recommendation received from Marc Bustin was approved by Council and the medal was awarded for the first time at the 2004 meeting to Dr. Maria Masterlerz. Alan Davis read the Laudatio.

6.3 Production of an Organic Petrology Award Medal

A new medal has been prepared by Pier van Leest, Lage Zwaluwe, the Netherlands following the design by Peter Crosdale.

6.4 Young Scientist Award

No application was received during 2003-2004.

7. Website

Dr Prinz made a presentation of a draft revision of the website. Front page. Logo, buttons on left, with sub pages for each commission. It was agreed to go

ahead with the revision along the lines proposed by Dr Prinz. The Chairs of the Commissions will take the lead in revising the commission pages and the General Secretary will take the lead for the general sections.

8. Status of ICCP

In order to continue the development of the role of ICCP, Council resolved to put the question of registration to the membership in the following terms:

(i) that the Council of ICCP be requested to submit plans to permit registration of ICCP as a formal organization to a vote of members prior to the 2005 meeting of the General Assembly; and

(ii) that finalization of the material that will be sent to members will be the responsibility of the Executive of ICCP (President, General Secretary and Honorary Treasurer).

9. Revision of Statutes

A paper discussing the Statutes was provided by Peter Crosdale as an attachment for the Copenhagen meeting. During the year 2004, Lopo Vasconcelos agreed to coordinate further consideration of changes and has prepared a document that was circulated during the year. It was noted that noting that any revision would require coordination with item 8, Status of ICCP. It was agreed that Peter Crosdale and another person to be nominated would assist the Vice President with further work on the Statutes.

10. Treasurer's Report

The treasurers Report is attached as Appendix IV. The Hon Treasurer was unable to attend due to hospitalisation. The President has been in correspondence with the Hon Treasurer, Dr Krystyna Tokarska-Schwab and Dr Alan Davis on matters relating to this item. The General Assembly meeting in Plenary Session decided to leave the membership fees unchanged in GBP, but to realign the rates in Euro and USD.

11. Editor's Report

The Editor's Report is given in Appendix V.

12. Report from the commission meetings

Reports of the meetings of the Commissions were presented during the Closing Plenary Session on August 15, by Walter Pickel (Chair of Commission I), Angeles Gomez Borrego (Chair of Commission II) and Georgeta Predeanu (Secretary of Commission III). The minutes of the Commissions are presented in Appendix VI.

13. Report from the council meetings

The President summarised the council discussions and decisions. A summary of the council minutes is given in Appendix VII.

14. Relations with TSOP

A number of positive developments have occurred in relation to TSOP. Most of these flowed from the resolutions of Council at the Utrecht meeting.

- 1. TSOP President has arranged for Maria Mastalerz to make a presentation about TSOP on his behalf to this meeting.
- 2. The President of ICCP or representative has been asked to make a similar presentation on behalf of ICCP to the TSOP 2004 meeting.
- of ICCP to the TSOP 2004 meeting.
 3. After some unusual forms of negotiation, ICCP and TSOP have agreed to a "Joint" ICCP TSOP session at the TSOP 2004 meeting and ICCP agreed to the use by TSOP of its logo for this purpose.
- 4. Aivars Depers was nominated by ICCP to Chair this session and the nomination has been accepted by TSOP 2004.

More recent correspondence from TSOP indicates a continued wish to cooperate with ICCP.

15. Other business

David Pearson reminded council that now the ICCP logo has been registered, we are required to use the trademark symbol TM must be used with the logo in all applications.

16. Social program and Field trip

The ice breaker party took place on Sunday, 12 September at the beautiful building of the Geological Institute of Hungary. Ödön Lechner designed the building in Art Nouveau Style and it was inaugurated in 1900. The design Art Nouveau was characterised by drawing plant forms. With the "MÁFI" building Lechner established a new, typically Hungarian design, which was called Secessionism due to the Vienna connections.

On Tuesday night the Organising committee arranged a city tour by bus with Dr Endre Dudich acting as a most skilled guide providing a background ranging from the geology through the buildings to a history of events in the City.

The conference dinner took place at the STEFÁNIA PALACE on thursday night. During the dinner the members were entertained by the band "Kalamajka" which means "Hugger-mugger" and two dancers. Members of the band are: head of the band on bass, Prof. András Nagymarosy, head of Dep. Paleontology, Univ. Eötvös Loránd, Budapest; violin, Mr. Béla Hamos; viola, Dr. Péter Dövényi Dep. Geophysics, Univ. Eötvös Loránd, Budapest; dulcimer/cimbalom, Mr. Tamas Petrovits; vocal, Mrs. Éva Fábián (teacher in kindergarden).

The field trip to North Hungary, Visonta open pit mine & Eger took place on Saturday, 18 September, 2004.

Both scientific and social part of the meeting were excellently organised and everything went extremely smoothly. Thanks again, Maria and all people of the organising committee for your effort and kindness.

> 19 October 2004 Petra David General Secretary



Vigorous discussions over dinner with Henrik Petersen (left), Carla Araujo, Lopo Vasconcelos, Antonis Bouzinos, and Stavros Kalaitzidis. Photo: M. Mastalerz

Appendix I 56th ICCP Participants list

	Title	First name	Family Name	Country
1	Dr.	Alan C.	Cook	Australia
2	Dr.	Lila Wanda	Gurba	Australia
3	Dr.	Walter	Pickel	Australia
4	Mr.	Padmasiri	Ranashinge	Australia
5	MSc.	Carla Viviane	Araujo	Brazil
6	Prof. Dr.	Wolfgang	Kalkreuth	Brazil
7	Prof. Dr.	R. Marc	Bustin	Canada
8	Dr.	David	Pearson	Canada
9	Mrs.	Jennifer	Pearson	Canada
10	Dr.	Lavern	Stasiuk	Canada
11	Dr.	Henrik	Petersen	Denmark
12	Mrs.	Heike	Eickhoff	Germany
13	Mr.	Carl	Hilgers	Germany
14	Dr.	Werner	Hiltmann	Germany
15	Ms.	Jolanta	Kus	Germany
16	Dr.	Dirk	Prinz	Germany
17	Dipl Geol.	Angelika	Vieth	Germany
18	Dr.	Rudolf	Wartmann	Germany
19	Mr.	Antonis	Bouzinos	Greece
20	Mr.	Andreas	Iordanidis	Greece
21	Mr.	Stavros	Kalaitzidis	Greece
22	Mrs.	Evangelia	Mavriodu	Greece
23	Dr.	Cassiani	Papanicolaou	Greece
24	Dr.	Antoniadis	Prodromos	Greece
25	Dr.	István	Bérczi	Hungary
26	Dr.	Ferenc	Fedor	Hungary
27	Dr.	Béla	Fodor	Hungary
28	Dr.	Zsuzsanna	Galicz	Hungary
29	Dr.	Mária	Hámor-Vidó	Hungary
30	Dr.	László	Kapolyi	Hungary
31	Mrs.	Ágnes	Kissné Mezei	Hungary
32	Dr.	Katalin	Milota	Hungary
33	Mrs.	Irén	Pap-Hasznos	Hungary
34	Dr.	László	Rákosi	Hungary
35	Dr.	Erzsébet	Rálisch- Felgenhauer	Hungary
36	Dr.	Csanád	Sajgó	Hungary
37	Dr.	Ágnes	Siegl-Farkas	Hungary
38	Dr.	István	Veto	Hungary
39	Mr.	Luis M.	Flotte	Mexico
40	Prof. Dr.	Lopo	Vasconcelos	Mozambique
41	Dr.	Dariusz	Gmur	Poland
42	Dr.	Bronislawa	Hanak	Poland
43	Dr.	Magdalena	Kokowska-	Poland
			Pawlowska	

44 Prof. D	r. Barbara	Kwiecinska	Poland
45 Dr.	Jacek	Misiak	Poland
46 Dr.	Grzegorz	Nowak	Poland
47 Dr.	Deolinda	Flores Fonseca	Portugal
48 Prof. D	r. Cornelia	Panaitescu	Portugal
49 Dr.	Georgeta	Predeanu	Romania
50 Ms.	Natalya	Fadeeva	Russia
51 Dr.	Irina	Stukalova	Russia
52 Prof. D	r. Marko	Ercegovac	Serbia & Montenegro
53 Dr.	Alexandar	Kostic	Serbia & Montenegro
54 Mrs.	Dragana	Zivotic	Serbia & Montenegro
55 Dr.	Angeles	Gómez Borrego	Spain
56 Dr.	Rosa	Menéndez	Spain
57 Dr.	Isabel	Suarez-Ruiz	Spain
58 Dr.	Petra	David	The Netherlands
59 Mr.	Kees	Kommeren	The Netherlands
60 Mr.	John	Vleeskens	The Netherlands
61 Dr.	Svetlana	Matchoulina	Ukraine
62 Dr.	Jack	Burgess	USA
63 Dr.	Alan	Davis	USA
64 Dr.	Maria	Mastalerz	USA
	Organisi	ing Commi	ittee
Dr.	Károly	Brezsnyánsz	
Dr.	Endre	Dudich	
Mrs.	Csilla	Galambos	
Dr.	Mária	Hámor-Vide	ó
Mr.	János	Héjjas	
Mr.	Zoltán	w	
Mrs.	Gabriella	Kopsa	
Mr.	Gábor	Rajnai	
Dr.	Ágnes	Siegl-Farka	s

Appendix II Symposium Environmental management implications of organic facies studies

Zimmermann

Oral Presentations

Kapolyi, L. Advanced coal technologies will meet the challenges of the 21st century
Bérzczi, I. A Short History of the Oil and Gas E&P in Hungary

- Mastalerz, M., Drobniak, A., Filippelli, G. Influence of coal petrography on mercury distribution in coal seams; examples from Pennsylvanien coals in Indiana, U.S.A.
- Johnson, R., Bustin, R.M. Coal dispersal in the marine environment around a marine coal terminal, British Columbia, Canada
- Kalkreuth, W., Cardozo Alves, T., Cioccari, G., Holz, M., Kern, M., Silva, M, Willet, J., Finkelman, R. Coal Petrology and Chemistry of Permian coals from the Paraná Basin: 1. Santa Terezinha, Leão-Butiá and Candiota Coalfields, Rio Grande do Sul, Brazil
- Cook, A. Organic facies in the Late Cretaceous to Tertiary of the Gippsland and Bass Basins, South Eastern Australia
- Gmur, D. Lithofacies analysis of coal seams from upper part of coal-bearing succession of the Upper Silesia Coal Basin (Westphalian, Poland)
- Ercegovac, M., Kostic, A. Organic facies and palynofacies: nomenclature, classification and application in evaluation of petroleum source rocks
- Sajgó, Cs., Galicz, Zs., Brukner-Wein, A. Comparisons of organic geochemical data to organic petrological observations and classification of organic matter
- Ercegovac, M. Zivotic, D., Kostic, A. Genetic-industrial Classification of brown coals in Serbia
- Predeanu, G. How petrography can establish the relationship between xylite and activated carbon
- Nowak, G.J., Speczik, S., Oszczepalski, S., Grotek, I. Petrological recognition of secondary altered organic matter in the Zechstein Kupferschiefer from Poland
- David, P., Bergen, F. van, Nepveu, M., Wees, J.D. van Uncertainties of maturity calculations in basin modelling: a multiple 1D probabilistic approach
- Prinz, D. Interaction of water and pore structure on the methane adsorption capacity of coals of varying rank
- Hilgers, C. Presentation of the new "Hilgers" instrument to measure reflectance with monochrome digital camera

Poster Presentations

Ligouis, B., Kleineidam, S, Karapanagioti, H.K., Kiem, R., Grathwohl, P., Niemz, C. Applications of Organic Petrology in Sediment

Mrs.

Katalin

and Soil Contamination Studies

- Mastalerz, M., Drobniak, A., Hower, J.C., Eble, C. The environmental impact of trace element contents of Indiana and Western Kentucky coals
- Hanak, B., Kokowska-Pawlowska, M. Characteristics of variability of trace elements in coal ash from the 610 and 620 coal seams (the Poruba beds) of the Upper Silesian Coal Basin
- Valentim, B., Boavida, D., Garcia, C., Gonçalves, R., Lemos de Sousa, M.J., Gulyurtlu, I. *Chemical characterization of Fly Ash from a portuguese Power Plant*
- Lemos de Sousa, M.J. CO₂ capture and storage in abandoned coal mines: presenting the "COSEQ" European Union S&T research proposal
- Gurba, L.W., Weber, C.R. Coal petrology and coal seam methane generation in the Glouchester Basin, NSW, Australia
- Gmur, D. Facies analysis of Tertiary coals from Skilvika Formation, Bellsund (Spitsbergen)
- Misiak, J. Petrography and depositional environment of the No. 308 coal seam (Uppper Carboniferous) from the Upper Silesian Coal Basin, Poland
- Ivanova, A., Syabryaj, S., Zaitseva, L., Hámor-Vidó, M. *Reconstruction of peat accumulation conditions in the Transcarpathian and Pannonian Basin by coal petrography and palynology*
- Siegl-Farkas, Á. Organic microfacies and palynology of the Ajka Coal Formation
- Tomás, C., Flores, D., Machadinho, A., Gama Pereira, L.C. Organic Petrology Characterization of Shales from Buçaco Basin, Central Portugal: Preliminar Study
- Ósorio, E., Kalkreuth, W., Gomes, M., Vilela, A. Evaluation of Petrology and Reactivity of Coal Blends for Use in Pulverized Coal Injection (PCI)
- Petter Filho, E. A., Pacheco, E. T., Sampaio, C. H., Almeida, M. A. A., Lagreca, I. H. and Kalkreuth, W. *Density fractionation of a high-ash Brazilian sub-bituminous coal implications for chemical and petrological* properties
- Vasconcelos, L., Pedro, A. J. Variation of mineral phases of Mozambician coals with different heating temperatures
- Kalaitzidis, S., Bouzinos, A., Christanis, K., Iliopoulou, E., Karapanagioti, H. Impacts of Lignite and Peat Inertinite Content on Phenanthrene Sorption

- Antoniadis, P., Mavridou, E. Characteristic macerals coming from lignite deposits of Ptolemais tectonic graben (GR)
- Alekseev V.P., Pronina N.V., Zuravleva D.D. Coals of the Oil-bearing Basin of West Siberia
- Stukalova, I.E., Alysheva, E.I., Rasulov, A.T. Lower Carboniferous Dombarovsk anthracite deposits, South Urals, Russia
- Fadeeva N.P., Bazhenova O.K. Organomaceral Composition of Organic Matter in Maikoo rocks and their oil potential
- Matchoulina S. Organic-rich sediments of the Dnieper-Donets basin and Fold Donbass
- Rodrigues, P.R., Oliveira, J.T., Flores, D. Organic maturation of shales from Toca da Moura Volcano-Sedimentary Complex (Ossa Morena Zone, Portugal)
- Kovács, S., Rálisch-Felgenhauer, E., Hámor-Vidó, M., Siegl-Farkas, Á., Bóna, J., Conodont colour alteration related to a half-graben structure and its contradiction to vitrinite reflectance data in the Mesozoic of the Mecsek and Villány mountains, S-Hungary
- Kus, J., Cramer, P., Gerling, P., Kockel, F. Post Mortem 2D-Simulation Study of the Hydrocarbon Generation and Migration of a N2-rich Gas Field on the inverted South-western rim of the Lower Saxony Basin
- Fedor, F. The origin of gases explored within the Inert Gas Zone, Hungarian Great Plain, Hungary
- Iordanidis, A., Schwarzbauer, J., Charalampides, G. Aliphatic and aromatic biomarkers in Amynteo lignites, northern Greece
- Sajgó, Cs. Studies on the matrix effect in pyrolysates of pretreated organic rich sediments
- Papanicolaou, Cassiani* oral & poster Atlas of Greece coals - coal petrograpohic parameters biomarkers
- Law, D.S, van der Meer, B., Bunter, W.D. Comparison of numerical simulations for greenhouse gas storage in coalbeds Part IV, history match of field micro-pilot tests
- Budwill, K. Bustin, R.M., Muehlenbachs, K. and Gunter, B. *Characterisation of a subsurface coalbed methane culture and its role in coalbed methane recovery and carbon dioxide utilisation*

Appendix III NEW MEMBERS

Glecy CALLEJA, Australia



Application for Commission I

Affiliation: MSc Applied Geology, University of New South Wales, Australia Research on the relationships between mineralogy and petrophysical properties of petroleum reservoir beds

<u>Professional/Research Experience :</u> Paleontologist and Petrographer

Philippine Department of Energy, Manila and Coal and Organic Petrology Services P/L, Sydney, Australia

Gareth CHALMERS, Canada



Application for Commission I

<u>Affiliation:</u> Doctor of Philosophy (Geological Sciences): University of British Columbia, Canada. -September 2002 - current.

<u>Thesis Title:</u> Sequence stratigraphy and methane gas

potential of the Lower Cretaceous Moosebar & Buckinghorse shales, Fort St John Group, northeastern British Columbia. Supervisor: Dr. R.M. Bustin.

Shifeng DAI, China



Application for Commissions I, II, and III

<u>Employment:</u> Associate Professor, China University of Mining and Technology

Brief description of the professional activities:

* Investigation of coal, carbonaceous materials, peat and dispersed organic matter in sediments * Solution of problems associated with rank, composition and structure and classification of coals.

* Differences in reflectance, inorganic composition, maceral composition, microlithotype composition, distribution of functional groups in relation to coalification and weathering processes and the depositional environment

* Reactivity of coal (lignite, sub-bituminous and bituminous coal and anthracite) in technological processes

* Actual investigations: Coal Geochemistry - sulfur and minor toxic elements in the Paleozoic coal in North and Southwest China

Dariusz GMUR, Poland



Application for Commissions I and II

<u>Employment:</u> Kraków Research Center of the Institute of Geological Sciences, Polish Academy of Sciences

Professional experiences:

Coal petrography, macro- and micro- coal analysis, sedimentology, facies analysis

<u>Ph.D. Thesis (2001):</u> "Facies analysis of selected coal seams from the Cracow Sandstone Series of the Upper Silesia Coal Basin

Vasyl KARABYN, Ukraine



Application for Commission III

<u>Employment:</u> Ivan Franko National Universyty of Lviv

<u>Research Interests:</u> Geochemistry topics including:

* Pollution processes of soil

and ground water.

- * Geochemistry of oil and gas basins.
- * Oil spills
- * Oil degradation

* Mathematics modelling of geochemical processes in soil, water, oil and gas

Jolanta KUS, Germany



Application for Commission I and II

<u>Employment:</u> Federal Institute for Geosciences and Natural Resources

Research experience

* 2D forward Basin modelling study in the Lower Saxony Basin and offshore India,

Makran utilising PetroMod, V.6 (Jülich) and GeoQuest Systems

* Structural interpretation of the offshore Arauco Basin, south-central Chile based on seismic and bathymetric interpretation.

* Incident Light Microscopy on soft and hard coals as well as on sediment samples: sample preparation for incident light microscopic analysis, petrographic composition of coal, petrographic methods: vitrinite reflectance in coals and sedimentary rocks, microlithotype and maceral group analysis, fluorescence determination

Jacek MISIAK, Poland



Application for Commissions I and II

Employment: Tutor in Department of Coal Deposits Geology - Faculty of Geology, G e o p h y s i c s a n d Environmental Protection, at the AGH - University of Science and Technology

<u>Professional experiences:</u> Coal basins, stratigraphy, lithology and petrography of peat, lignite and bituminous coal, coal depositional environments, facies analysis. Applied investigations of Polish Tertiary and Carboniferous coal-bearing formations. Lecturer in coal geology and coal petrology.

Author and co-author of 11 publications

Bhagwan D. SINGH, India



Application for Commission I and III

<u>Employment:</u> Birbal Sahni Institute of Palaeobotany

<u>Research experience:</u> About 22 years of research experience in Coal and Lignite Petrology, including Microphotometry (both

Reflectivity and Fluorimetry

Appendix IV

Summary of Treasurer's Report for 2003-2004

1. Introduction

This Financial Report covers a period of twelve months from 1st July 2003 to 30th June 2004. The accounts will be tabled at the 56th meeting of ICCP in Budapest and submitted for an independent examination to the Honorary Auditor of ICCP, Professor Alan Davis.

2. Summarised Financial Information

The accounts show again that the financial position of ICCP remains in a very healthy state. Income exceeded expenditure by a considerable amount of £1,775, of which by far the largest part, £1,489 was due to a surplus generated by the Accreditation Programme. Overall capital assets rose by 5.8% to £32,019. In US dollar terms, ICCP capital actually rose from \$49,913 to \$57,634 by an astounding 15.5%; this was however largely due to the devaluation of the US dollar against major currencies, including Sterling (and the Euro), during the Financial Year.

Account balances and summarised breakdowns of receipts and expenditure are given in four tabulations below. All data are in British pounds sterling (1 British pound = approximately 1.50 Euros or 1.80 US dollars as at 30 June 2004).

	Financial Year 2002-2003	Financial Year 2002-2003
Opening Balance	£30,244.55	£26,955.53
Add: Receipts	£5,395.78	£6,263.87
Less: Expenditure	£3,621.01	£2,975.25
Retained Surplus	£1,774.77	£3,288.62
Closing Balance	£32,019.32	£30,244.55

Accounts Summary

3. General Income

General income of ICCP stems largely from membership subscriptions and capital interest. Net income from membership subscriptions, £2,630 was of the same order as in previous years. Owing to extremely low interest rates worldwide, income from bank credit interest (after deduction of 20% tax at source) was at a new low with £374, equivalent to 19 nominal membership subscriptions.

Amount GBP	Receipt Details
£2,638.59	Membership dues, net (gross £2,724.21)
£373.76	Capital credit interest, net (gross £542.93; tax paid £108.45)
£2,169.65	Accreditation fees 2004 Exercise, net (gross £2,236.31)
£148.58	Sale of Handbook supplements and one 1963 Handbook CD (net £139.52)
£65.20	Donations (Friendship Scheme)
£5,395.78	Total Receipts

Amount GBP	Expenditure Details
£1,545.05	Printing and postage of ICCP News #28, #29, #30, #31
£681.20	Accreditation Programme: Running costs (stationery, materials, postage, photocopying, internet use)
£455.15	Commission III: Purchase of Elsevier offprints re graphite classification
£325.33	Commission III: Acquisition, preparation and shipping of sample for Coal Blend Programme
£148.61	General Secretary Expenses: Ballot (stationery, postage)
£83.83	General Secretary Expenses: 2003 Meeting Utrecht
£143.93	Engraving of two Thiessen Medals
£151.63	Lloyds TSB Cardnet charges
£29.92	Treasurer expenses (£18.52 postage of invoices and receipts, £11.40 audit documentation)
£38.20	Exchange rate adjustments (USD, EUR)
£18.16	Miscellaneous
£3,621.01	Total Expenditure

4. General Expenditure

Expenditure at £2,931 is up on the figure of £2,203 for the previous year. As in recent years the largest regular expenditure item was for production of the ICCP Newsletter, viz. £1,545 for issues No. 28 to 31. This is a marked increase over previous years but the 2003-2004 figure includes the costs for News No. 28 March 2003 as this had not been invoiced in the previous Financial Year.

 $\pounds 780$ were requested by Commission III for the purchase of offprints of the new Graphite

Classification and for sample acquisition and preparation for the Coal Blend Programme. No requests for funding were received from Commissions I and II.

Further expenditure items concern General Secretary expenses incurred at the 2003 Meeting, for the elections to Council positions and for the engraving of Thiessen Medals.

5. ICCP Handbook and Publications

Net sales of publications raised £140 which is 2.6 % of total income and therefore, as in previous years, rather insignificant from a financial point of view.

Two sets of Handbook supplements and one copy of the 1963 Handbook CD-ROM were sold. A total of 11 CD's have now been requested. The old Handbook edition and supplements are for the largest parts superseded by newer versions which either have already been published in scientific journals (Vitrinite and Inertinite in Fuel, Graphite in Coal Geology) or are due to be published shortly (Liptinite, Huminite). So it might be considered to discontinue sales altogether in order to avoid confusion with potential buyers, many of whom are probably not aware that the material is outdated and that new classifications do apply. At least it should be made much more clear in the adverts that the material for sale is for the greatest part only of "historical" interest.

6. Accreditation Programme

The Accreditation Programme is fully self-financing. Income from fees received from ICCP members and non-members for the 2004 accreditation exercise totalled £2,170, down from £2,483 for the 2002 exercise (note that 2002-2003 data in the summary table below include a donation of £441). This was largely caused by the devaluation of the US dollar (Accreditation fees are set in US dollars so that for a preset US dollar amount income in British pounds sterling was around 10% less). Re-establishing Accreditation fees on GBP (or EUR) basis might be considered by the General Assembly on advice of the Accreditation Committee.

Expenditure was $\pounds 681$ so that overall the Accreditation Programme ran a very substantial profit of $\pounds 1,489$. Funds allocated to the Programme have now reached $\pounds 3,959$. However, these data must be regarded with some caution, for two reasons: Normally, Accreditation follows a

two-year cycle so that data for one year cannot necessarily be used for future projections. Another significant aspect to be taken into account is that the Organizer, Aivars Depers had arranged with a Sydney laboratory to prepare 60 samples - but they have refused to accept any payment! (I understand that the extremely kind benefactor wishes to remain anonymous). So clearly with no cost for sample preparation having occurred the present set of data is not representative. Additionally, it is most likely that in the future, years with high levels of income may not match those with high levels of expenditure. So we must assume that the balance for the Accreditation Programme will alternate between periods of surplus and deficit.

7. Conclusion and Recommendations

After the nearly catastrophic decline in the early 90s assets of ICCP have been rising year after year since 1997/98 when new cost-saving measures were introduced by the Treasurer. For example, the use of e-mail for conducting a high proportion of ICCP business, and the publication of minutes in the newsletter and on the homepage have markedly reduced the previously very high costs of postage. As a result, assets have now reached a peak of £32,019, equivalent to US\$57,634. With this very substantial cash reserve on deposit there are sufficient funds for any innovatory developments to return money to the science, and also for improvements of services provided to members as a benefit of their subscription payment.

Since many years the principal approach towards ICCP finances has been that we need very substantial capital reserves to be able to finance the publication of a comprehensive new edition of the Handbook. There has been considerable progress in developing parts of the new Handbook, but it seems more and more unlikely that this (at least in its totality) may ever been published as a printed hard copy which would cost tens of thousands of pounds. Instead it is almost certain that the new Handbook will be published as a CD or as a DVD. This is a very inexpensive method of reproduction, and the advantages of electronic publication, allowing for the inclusion of large numbers of highest quality images and interactive browsing are obvious.

In view of this scenario I propose that at this stage the General Assembly should consider a sizeable reduction of membership dues. This coincides with the need to set new dues rates, caused by the devaluation of the US dollar against the British pound sterling. (Note that since 1997 the British pound is used as the base currency in ICCP, the reason being that our major accounts are held in pounds sterling). Bearing in mind that predictions of currency exchange rate are close to no logic and highly speculative, I would assume that the dollar-pound rate of 1.60 which we used since 1997 is more likely to be of the order of 1.80 to 1.90 in the nearest future.

Current dues:

GBP 20.00 = EUR 29.00 = USD 32.00 (GBP=1.45 EUR=1.60 USD) Proposed dues: *GBP 16.00 = EUR 24.00 = USD 30.00*

(GBP=1.50 EUR=1.875 USD)

The proposed new fees amount to a reduction of 20% on GBP basis. (Since a majority of ICCP members have always been from European countries, the General Assembly might consider to introduce the Euro as our reference currency in the medium term).

In addition I propose to the General Assembly to maintain a discounted fee for a 3-year period if dues are paid in advance, also reduced by 20% from the pervious level:

Proposed discounted dues:

GBP 40.00 = EUR 60.00 = USD 75.00

Members who have already paid in advance for 2005 and 2006 at the higher rates shall receive a proportionate discount with their next invoice.

It is very likely that reduced income from membership subscriptions will lead to small annual deficits and so to a gradual reduction of reserves in forthcoming years. This should not create any problem in view of our sizeable capital assets, but we will obviously very carefully monitor future development of our finances and also keep a watchful eye on major exchange rate changes (although it will be virtually impossible to take into account alterations which may take place during any given Financial Year so that imbalances might occur). Examination of data in the Table "Breakdown of Income and Expenditure" clearly shows that a reliable prediction of cash-flow is virtually impossible because substantial fluctuations of cashflow occur from year to year, largely caused by irregular outgoings rather than be variations in income which is more consistent.

Should however the lowering of dues prove unsustainable we may reverse it after some time, but a further reduction of membership dues might be equally possible.

As I have repeatedly emphasized in previous

reports, the availability of substantial cash reserves however must not lead to any complacency. We must be prudent to make sure that activities are within budget, and that expenditure is in pursuance of the scientific objects of ICCP. Chester, England 4th September 2004

LL delf L.SM

Dr. Rudolf M. Schwab Honorary Treasurer

Text table IV

	Financial Year 2003-2004	Financial Year 2002-2003	Financial Year 2001-2002	Financial Year 2000-2001
GENERAL				
Membership dues	£2,638.59	£2,435.89	£2,595.66	£2,240.20
Credit interest	£373.76	£437.51	£407.78	£527.24
Miscellaneous	£65.20	£286.57	£98.72	£17.48
Receipts	£3,077.65	£3,159.97	£3,102.16	£2,748.92
ICCP News	£1,545.05	£624.93	£588.81	£509.89
Commissions I, II, III	£780.48	£0.00	£101.38	£697.49
Other Expenditure	£605.22	£1,577.69	£469.89	£533.40
Expenditure	£2,930.75	£2,202.62	£1,058.70	£1,740.78
Surplus / Deficit	+ £137.74	+ £957.35	+ £2,043.46	+£1,008.14
PUBLICATIONS				
Receipts	£148.58	£180.36	£119.34	£123.01
Expenditure	£9.06	£35.94	£6.57	£0.00
Surplus / Deficit	+ £139.52	+ £144.42	+ £112.77	+ £123.01
ACCREDITATION PROGR.				
Receipts	£2,169.65	£2,923.54	£671.17	n.a.
Expenditure	£681.20	£736.69	£397.55	n.a.
Surplus / Deficit	+ £1,488.55	+ £2,186.85	+ £273.62	n.a.
ICCP TOTAL				
Receipts	£5,395.78	£6,263.87	£3,892.67	£2,871.93
Expenditure	£3,621.01	£2,975.25	£1,462.82	£1,740.78
Surplus / Deficit	+£1,774.77	+£3,288.62	+£2,429.85	+ £1,131.15

Breakdown of Income and Expenditure 2000 to 2004

Appendix V Summary Report of the ICCP Editor 2003 - 2004

During late 2003, the editor resigned from his position at James Cook University in Townsville and moved to Brisbane to start a private consultancy. This did not impact on major activities as far as ICCP is concerned. However, a number of side effects have resulted. Loss of GST (=VAT)free status associated with being at the University should have meant an increase in costs of about 10%. However, fierce competition in Brisbane for printing services has more than offset this anticipated increase.

Activities for 2003 - 2004 ICCP News Distribution Three issues of ICCP News were made, *viz* No. 30 November 2003, No. 31 March 2003 and No. 32 July 2003. Numbers of newsletters posted and their distribution by region are indicated on Table 1 while web-only access is given by Table 2.

	Table 1	Mail	distribution	by	region
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	ICCP		IC	ICCP		СР
	New	's 30	New	's 31	New	's 32
Region	No.	%	No.	%	No.	%
Africa	6	4	6	4	6	4
Asia	24	14	23	14	23	14
Australasia	28	16	28	16	28	16
Europe	83	49	84	49	84	49
North	22	13	22	13	22	13
America						
South	7	4	7	4	7	4
America						
Total	170	100	170	100	170	100

Table 2	Web download	l only dist	ribution by
region			

	ICCP	ICCP	ICCP
	News 30	News 31	News 32
Africa	0	0	0
Asia	0	0	0
Australasia	5	5	5
Europe	8	7	7
North America	3	3	3
South America	2	2	2
Total	18	17	17

Format and content

Contributions from members increased during the year but substantial effort is still required to attract items. This effort includes both a general email-out to all members about one month prior to printing as well as targetting particular members for contributions. The Chairs of the Commissions are also reminded 4 to 6 weeks prior to printing for news of working group activities or other relevant commission information. A close liaison is also maintained with the convenor of the upcoming meeting to ensure that timely and relevant information is published.

Advertising

The possibility of paid advertising was introduced for the first time in 2000 - 2001, with the schedule of rates approved by the 2000 Council meeting given below.

Rate per insertion (\$US)*		
	Once only 4 times	
		(20% discount)
Full Page	400	320
¹∕₂ Page	200	160
1/4 Page	100	80
1/8th Page	60	48
* a 10% discount applies to ICCP members		

One advertisement was placed during 2003-2004, in issue No. 32. No charge was made for this advertisement in accordance with ICCP Council Resolutions made in Utrecht. This advertisement, for a book, did not attract a charge since the book was being produced for scientific purposes by a non-profit organisation and was

Cost

relevant to ICCP activities.

Expenses incurred in production and distribution of ICCP News during 2003 - 2004 are detailed in Table 3. The change of employment of the editor means that is no longer possible for ICCP to take advantage of the GST-free status of Australian Universities. Australian GST of 10% is now incurred during printing and for domestic postage. However, the increases associated with GST have been largely off-set by the cheaper printing costs in Brisbane.

Table 3 ICCP News Costs (in AUD - to
approximate USD, multiply by 0.8)

approximate USD, multiply by 0.8)			
Year	2003	2004	2004
Newsletter No.	30	31	32
No. Pages	48	48	32
No. Copies printed	180	180	175
Printing	644.80	541.20	411.40
Postage - international	465.61	432.09	446.41
Postage - domestic	22.73	25.00	29.00
Stationery - envelopes	0.00	0.00	0.00
Stationery - labels	0.00	0.00	0.00
Total	1133.14	998.29	886.81

note: postage costs for No. 32 include mailing the 'Graphite' sheets to all members

Average costs have been calculated including all costs of printing, postage, stationery and any other noted expenses. Average page costs for 2002 - 2003 were in the lower end of the historical data at around 0.14 to 0.15 AUD per page. Historically, the range of average total cost per page for the past 11 ICCP News is 0.13 to 0.21 AUD. About half the total cost is in postage and the other half in

printing. Postage costs associated with ICCP News 32 are distorted due to the distribution of reprints of the 'Graphite' sheets. All members were posted a copy, either as an insert along with the newsletter or as a stand alone item.

ICCP Membership Directory

A new membership directory was produced in August 2004 in conjunction with Dr David (the General Secretary) and Dr Schwab (the Treasurer). A feature of the directory was the inclusion of member's photos. Photographs of 115 of the 184 members (63%) were obtained. About half were taken during the meeting in Utrecht and the remainder were submitted following email requests. The directory will be distributed to all members along with ICCP News No. 33 and a password protected pdf file will be emailed. Printing costs amount to \$425.70AUD (incl. GST) (approx. \$310USD).

ICCP 1963 Handbook on CD ROM

A CD ROM of the 1963 2nd edition handbook was completed for sale in 2002 and reviewed in the International Journal of Coal Geology (vol. 51, pp 263 - 264). The CD was made available during 2002 - 2003 at a special introductory price of \$15US, which was discounted over the normal price of \$25US. The editor's records indicate that to date, nine copies has been purchased but these records have yet to be reconciled with those of the General Secretary, who manages the handbook.

ICCP Work in progress series

No CD's have been distributed and no further CD's made during 2003 - 2004.

Revision of ICCP Statutes

Progress has been made on this issue since the last meeting by the vice-President.

Revenue

Potential revenue avenues exist through advertising in ICCP News. No revenue was obtained by this means in 2002 - 2003. Other revenue generating items (e.g. 1963 Handbook CD ROM) which have been produced by the editor are maintained by other officers.

Proposals for 2004 - 2005

ICCP News - Number of editions

Three editions of ICCP News produced in 2003 - 2004 and it is proposed to again produce 3 ICCP News editions for 2004 - 2005, between the 56th and 57th meetings. Total estimated cost is \$3,800AUD.

Appendix VI Minutes of the Commissions

MINUTES OF COMMISSION I -General Coal and Organic Petrology 56th ICCP MEETING Budapest, 13 and 14/09/2004

Chair: Walter Pickel Secretary: Deolinda Flores

Opening remarks

The Commission I meeting was held on Monday afternoon and all-day Tuesday. It was attended by 26 and 16 members of Commission, along with 5 and 4 guests respectively. The Chairman outlined the programme for the sessions and presented the opening remarks. The working groups and items presented and discussed in the meeting were:

- Accreditation Programme
- Standardization Working Group
- Peat Petrography Working Group
- Review of new methodologies and techniques in Organic Petrology
- Temporal variation of coal
- New Handbook Editorial Group
- Microscope session and ICCP Commission I Services

The Minutes of the previous meeting were accepted as published in the ICCP Newsletter.

Accreditation Programme - Aivars Depers

The activities of the AP were presented considering the following two items: 1. Accreditation Programme - 2003-2004 Report, and 2. Accreditation Programme - Review.

1. Accreditation Programme - 2003-2004 Report

On behalf of the Convener the Chair presented the report summarising the 2003-2004 activities as follows:

SUMMARY 2003 EXERCISE

- exercise completed in December, 2003;
- no appeals were received;
- 13 petrographers from 8 laboratories in 5 countries participated;
- certificates were sent in January, 2004;

- 2 petrographers were denied accreditation for the maceral content and vitrinite reflectance methods;
- one petrographer did not submit data;
- 8 petrographers were accredited for both methods; 2 petrographers were accredited for maceral content method only;
- list of accredited petrographers was updated and placed on the ICCP website in March, 2004.

2004 EXERCISE

- 71 petrographers from 34 laboratories in 14 countries participated;
- average number of petrographers per laboratory = 2.08;
- •6 new petrographers;
- timetable for the exercise was modified, e.g., samples were sent later than planned (11/6/04)
- some laboratories had problems with the timetable, e.g., payment of fees on time;
- all data had to be received by the end of August, 2004;
 - o 44 sets of results received (62%);
 - o 2 petrographers withdrew from exercise;
 - o 2 laboratories indicated they would miss the deadline;
 - o a number of laboratories had equipment or standards problems - these are being resolved;
 - 9 petrographers sent data in incorrect format, e.g., JPEG, Adobe, Excel or CorelDraw (5.1Mb); 4 data sheets were hand written;
 - o a number of petrographers were asked to re-submit their data due to minor to major transliteration errors.
- to date, 55 sets of results received (80%).

MOUNTED SAMPLE AUDIT

- progressing well;
- large number of samples recovered;
- some are lost some are still being used;
- small number of laboratories resisting attempts to recover samples.

2. Accreditation Programme: Review

Walter Pickel presented the convener's "position paper", which summarises the history of the Accreditation Programme, the current status of the accreditation scheme and some aspects concerning Aivars' *modus operandi*. This document had been sent earlier in the year, by the Chair, to all members of Com I for comments/suggestions as part of the review process, however, only a few comments were received. A detailed report was received from Alan Cook with 19 recommendations. The Convener sent additional comments to this report to the Accreditation Committee for consideration.

To increase the feedback from commission I, recommendations from the replies were presented for comments and vote. The following recommendations were discussed and put to a vote:

- DECISION 1. The procedures for entry be kept as simple as possible - that is the KISS principles should be used. A target of 12 months between applying for entry and accreditation seems a reasonable target.
- DECISION 2. There may be circumstances where screening of entry analysts is required, but this should not be at the expense of simple and rapid entry for experienced petrologists.
- DECISION 3. The cut-off values be retained at 1.5 but be kept under careful review having regard to the aims of the accreditation program.
- DECISION 4. It is recommended that petrologists applying for accreditation be encouraged to comment on return of their results on the analysis with regard to difficulty of the analysis, polishing problems, contamination.

These comments could be collected by the Convener and discussed during the meeting.

- DECISION 5. Where a cut-off date is given for return, this date should be used for interpretation of data sets. The most obvious way of reinforcing cut-off dates is by not giving accreditation for those missing the date for another 6 months.
- DECISION 6. Participants be required to sign a confidentiality agreement.
- DECISION 7. That terminology be simplified to Accredited and "Failed, not-Accredited". Persons who fail after a period of being Accredited be designated as Re-accredited in terms of internal records, and Accredited in terms of external records.
- DECISION 8. Accreditation data include the number of years over which Accreditation has been held, either since entry or since the last Re-accreditation.
- DECISION 9. Additional accreditation programs be added as appropriate.

DECISION 10. The practice of annual reporting of the program to Council and to Commission I be continued. Consistent with the requirements of the statutes, a more broad ranging and analytical review be presented every four years, with the next four yearly presentation to be presented for the round of meetings 2007.

Decisions on the following recommendations were delayed:

- RECOMMENDATION 1. It is also desirable that the returned results do not include the group means and the group standard deviations. Some other way may be developed of allowing access to some information on these, especially the standard deviations - for example return might contain the actual standard deviations together with values for the group means within ranges (class intervals of 0.15 % for vitrinite reflectance SDs and 0.4 % for vitrinite content SDs for example).
- RECOMMENDATION 2. A separate sub-program be developed for those administering the Accreditation program so that there is greater feed-back between the analysis and the administration sides of the program.
- RECOMMENDATION 3. That the structure adopted to the\programme be such as to allow the convener to become accredited.

Further comments were made on the preferred size and shape of distributed polished blocks. However the convener is moving towards distributing only unmounted samples in future exercises.

A significant amount of samples in the AP are from Australia and new samples from other sources are required. These new samples should have different grades of difficulty as well as a large range of vitrinite content. Maria Mastarlez offered to provide some samples from Illinois. German and Chinese coals might also be useful additions.

Further discussion arose in connection with the standardization working group presentation about the option for ICCP to provide standard coal sets for interested petrographers. Lavern Stasiuk and Walter Pickel will follow up this option and as an initial step it was suggested to check if the mounted blocks of the AP, which are not going to be used in the future, are suitable.

A report by Aivars to council was tabled at the second council meeting and will be appended to the council minutes.

Standardization Working Group

Harold Read

Walter Pickel presented the next round-robin exercise, as proposed by the convener Harold Read, to be conducted on two low rank coal samples, with the objective of evaluating the application of the new ICCP Huminite Classification. The Classification should be read carefully before attempting the analysis.

Participants are invited to analyse the samples:

- Maceral groups
- Telohuminite reflectance (random) measured on gelified tissue.

Petrographers experienced with low rank (brown coal/lignite) should attempt further sub-divisions, at least maceral sub-groups. (Petrographers with less experience with these coals are encouraged to attempt sub-groups analysis.)

In addition to the requested analyses, comments are invited regarding the Classification definitions and the ease/difficulty with analysing the two samples.

One sample is mainly textinite, ungelified to slightly gelified; the other sample is highly gelified. It is intended to send out polished grain mounts to participants later this year.

Analysis results and comments should be returned by March/April 2005 to allow sufficient time to send collated results to all participants well before the 2005 ICCP meeting.

10 members enrolled in this exercise at the meeting. Members, who had not been able to attend the meeting but are interested to participate, are welcome and can request the samples from Harold Read or Walter Pickel.

Review of new methodologies and techniques in Organic Petrology

Lila Gurba

The Convener gave a summary on progress of the WG activities. The White Paper, with a description of some methods and techniques, was presented at the ICCP Meeting in Copenhagen and is available from the ICCP web site. Some new additions will be appended and a CD and a hardcopy of the extended white paper will be prepared.

Lila Gurba also proposed for the near future the preparation of a new white paper concerning "Clean Coal Technologies - Application of Organic Petrology". To emphasise the importance of this subject the convenor gave a presentation pointing out some aspects concerning the importance of coal as a vital fuel in the world's energy system versus the climate changes due to fossil-fuels use. The strategies to control atmospheric CO_2 levels using Clean Coal Technologies were also outlined. The Convener wishes to encourage everybody who is working in this field to submit an extended abstract or paper as a contribution to the white paper.

Temporal Variation of Coals

Lopo Vasconcelos

The Convener summarized the activities/difficulties of this working group since Rio Meeting in 2000. Members interested to send petrographic data of coals from these countries please contact the Convenor of the WG as soon as possible. A final report will be prepared before the next meeting summarising all available data and will be presented in the next meeting. A database including all data collected could also be prepared during the next year and made available to members.

Peat Petrography WG

Kimon Christanis

This WG was established last year during the Utrecht Meeting. The aims of this WG are: (i) to bring together petrographers, who deal with the petrographical and petrological features of peat, but also scientists from other disciplines that have an interest in "peat science"; (ii) to examine the applicability of the existent maceral terminology; (iii) to assess/evaluate the necessity of a nomenclature scheme for the micropetrographic constituent of peat, and, (iv) to propose a terminology that will accomplish the specifications for a comprehensive description of peat microscopic constituents.

A report of the first round-robin was presented by Stavros Kalaitzidis on behalf of the Convener. For this first round-robin exercise a collection of photomicrographs was distributed among the participants (in PDF format by e-mail) and each participant was requested to identify/classify the constituents marked on the photomicrographs. 16 Members expressed the willingness to participate however only 11 members conducted the exercise. The exercise included photomicrographs in reflected white light from a topogenous peat in Philippi (NE Greece). Some difficulties were encountered in the identification of some macerals. It is evident from the participant's comments that fluorescence is very important for peat petrography. A variety of terms have been used by the participants for describing Huminites.

49 photomicrographs including 85 points had been circulated to be identified. According to the preliminary assessment of the results, which was presented, the average agreement in the predominant maceral is about 60%, ranging between 24-100%. The agreement increases, if replies are grouped under maceral subgroups. These results indicate that the huminite classification is applicable to Peat Petrography. A final report on the round robin exercise is expected shortly and will be publish in the Newsletter as soon as available.

The next exercise will be performed using photomicrographs again (white reflected light and fluorescence).

New Handbook Editorial Group

Petra David and Walter Pickel Petra David presented the 2003/2004 a report on the activities related the preparation of the New ICCP Handbook Edition. The structure proposed by the conveners was sent to all members of Com I by email for comments/suggestions. The origin of terms in different editions and publications were given. Members were also invited to answer some questions arisen by the conveners concerning the structure and the items that must be included or excluded. Comments were received from Isabel Ruiz, Angeles Gomez, Alan Cook and Claus Diessel.

This document was discussed in detail and it is expected that the New ICCP Handbook Edition will be a very complete, actual and robust publication, which will include the previous editions, and all the documents published and developed within the ICCP activities. Petra David informed that all of these documents are, at this moment, in a digital format due to the valuable collaboration of some ICCP members. Walter Pickel informed that there are some sheets (Liptinite, Microlithotypes and Carbonimerites) ready and approved by the Commission and the Plenary Session. However photomicrographs are needed prior to publication in the Handbook.

During the discussion it was decided to exclude the items Laser Microscopy FAMM and Advanced X ray diffraction from the list of the Handbook items. On the other hand, Scanning electron microscopy and Transmission electron microscopy are methods that will be included; Barbara Kwiecienska will prepare and send a short description for both. Coke and Combustion residues classifications developed within the ICCP working group activities will be included as well as a DOM classification. There are items that need to be written, reviewed or completed. Some members agreed to incorporate a small group to do this hard work. These items and collaborators are:

- definition of terms using available standards (Alan Cook, Alan Davis, Isabel Ruiz and Walter Pickel)
- rank and coalification (Isabel Ruiz)
- sample preparation and polished blocks reference to ISO standards
- thin sections
- Coal Blend Analysis (Isabel Ruiz)
- •Automation and colour image analysis (Dave Pearson)
- •Combustion residues (Diego Alvarez, Angeles Gomez and Ed Lester)
- Oxidation

It was decided that it would be favourable to include a glossary of terms. It is expected that a first draft of the Handbook will be available by the 1st of April.

"Presentation of the new 'Hilgers' instrument to measure reflectance with a monochrome digital camera"

Carl Hilgers

Carl Hilgers presented an instrument with the new software - DISKUS- to measure vitrinite reflectance. This software consists of:

- Software DISKUS for image acquisition, storage and processing;
- Program DISKUS-Fossil to measure maceral reflectance; and,
- Program DISKUS-Maceral for maceral analysis.

This new system requires a monochromatic camera, a reflected light microscope with a stabilised light source and a motorized stage.

In connection with a motorized microscope stage, DISKUS assists a semi-automatic method of analysis. All data are archived and the analysis details are stored. Complete reports can be generated.

The instrument was available for further inspection and 'playing' at the microscope session and during most of the meeting. It was also used successfully to calibrate various reflectance standards against the ICCP standard (YAG), an opportunity for which the conveners of this service group, Dave Pearson and Walter Pickel, are very grateful. Details on the instrument and software can be obtained from Carl Hilgers.

Microscope Session

The microscope session was very successful. Four microscopes (two equipped for both reflected and transmitted light and two others equipped for reflected white light and fluorescence excitation) were available and were assisted by J. Gombos from Micro-Analytica of Budapest. These equipment was available not only during the microscope session that took place Tuesday (14/09)but also during all meeting. So participants could take advantage and discuss particular problems in small groups. In addition, Carl Hilgers and his instrument were available. Carl Hilgers gave a second 'hands on' presentation of vitrinite reflectance analysis with this instrument during the microscope session. Four samples (Central Asturian Carbonaceous shale-Spain, Posidonian shale-Germany, Puertollano shale-Spain and Irati shale-Brazil) of the qualifying system for reflectance analysis W.G., supplied by Angeles Gomez, were looked at and discussed. Problems concerning the presence of more than one vitrinite population and rather different criteria between participants to select the appropriated vitrinites for taking the readings were discussed. It was an excellent opportunity to discuss and improve the difficult task of measure vitrinite reflectance in DOM.

Samples supplied by Walter Pickel were also looked at and discussed. The problem of the identification of Bituminite was vividly debated by an active group of members.

Thanks to Maria Hamor Vidor, J. Gombos and Carl Hilgers for this unique opportunity and for all technical assistance during this meeting.



Intense discussions in the microscope session. Photo: Maria Mastalerz

ICCP Services - Standard Calibration

Carl Hilgers, Dave Pearson, Walter Pickel Before the meeting Walter Pickel had sent an email to all ICCP members offering the service to calibrate the reflectance standards against the ICCP Reflectance Standard (a YAG having a reflectance of 0.90%). Many members brought their standards and Carl Hilgers assisted by Dave and Walter carried out the calibration. 8 standards were calibrated in Budapest, another 6 were taken to the Pearson lab in Victoria where they were calibrated by Dave Pearson and Walter Pickel after the meeting.

Commission I would like to thank Carl Hilgers for his technical assistance and his patience.

Deolinda Flores, Walter Pickel, Porto, Sydney, October 2004.

MINUTES OF COMMISSION II -Geological Applications of Coal and Organic Petrology 56th ICCP MEETING Budapest, September 12-18, 2004

Chair: A. Gómez Borrego Secretary: Mária Hámor-Vidó

Commission II meeting took place on Thursday September 16 from 9.00 till 16.30.

Dispersed organic matter in sedimentary rocks

Convenor: Wolfgang Kalkreuth

This project dates back to 1995 when a group was formed to prepare an Atlas of Dispersed Organic Matter mainly for training purposes including advises and recommendations to perform analysis of organic components in sedimentary rocks. The project was envisaged as including information on sample preparation, analytical methods, specific occurrences and classification of DOM. After some years with low activity during which the effort was focused on the Classification of Organic Matter WG it was decided at Utrecht Meeting to re-activate the group to produce a final document. The convenor summarised the contributions to the document, which at the moment comprises sample preparation (M. Reinhardt), analytical methods (I. Suarez-Ruiz), liptinite occurrences (W. Pickel), inertinite and vitrinite occurrences (A.G. Borrego), and reflectance assessment (W. Kalkreuth). The

convenors of the Classification WG, (J. Burgess and L. Stasiuk) agreed to prepare a revision of previous classification systems and the development of the joint classification ICCP-TSOP for dispersed organic matter, and a chapter on zooclast will be prepared by C. Araujo.

During the year some parts of the document have been updated and revised by some members of the WG and the document has now a compact form rather easy to read. It became clear that the document is based on the individual contributions of the WG members and that external critical review will be needed before the document is presented to the Commission for final approval. L. Stasiuk and A. Cook volunteered to review the manuscript.

Classification of Dispersed Organic Matter Convenors: Jack Burgess, Lavern Stasiuk,

Convenors: Jack Burgess, Lavern Stasiuk, Adrian Hutton

The classification of DOM is the product of a joint effort with TSOP to find an agreement on organic component classification in sedimentary rocks. Once approved the classification system, the activities during the year focused on image collection that will be compiled in a CD to illustrate the classification system. L. Stasiuk presented the current status of the Atlas that has two main entries. The first one is the agreed classification, where each component is illustrated with seven images from different types of preparation. Strew mounts are illustrated in reflected white and fluorescence light and transmitted light and both whole rock blocks and isolated kerogen pellets are illustrated under reflected white and fluorescence light. The second entry is a table with some details of different source rocks. Clicking in the sample name a similar layout with seven images is displayed. The images can be easily enlarged by double clicking. At the present moment some images are missed but the final document will be ready soon and circulated for critical review to M. Ercegovac, W. Kalkreuth, A. Cook, and A.G. Borrego before being presented to the Commission for final approval. Lavern especially acknowledged the work that J. Burgess has done for this project.

Thermal Indices WG

Convenor: Carla Araujo

Carla presented the results of the round robin exercise performed during the year. The Irati shale was analysed for different maturity parameters by 15 participants. Overall a very good agreement was

obtained between different labs for each of the techniques used including sporinite spectral fluorescence, Rock-Eval parameters and geochemical parameters based on alkane, hopane, and sterane ratios. More discrepancies were found for vitrinite reflectance. Most participants identified an indigenous low reflecting population whereas some few only measured a high reflecting population. VIRF results were provided and they indicated the presence of a indigenous vitrinite population with severely suppressed reflectance and an inertinite population probably better reflecting the actual maturity of the sample. The maturity parameters obtained by the different techniques indicate a broad range of maturity. Chemical maturity parameters indicated a similar maturity and pointed that the sample did not enter the oil window. Microscopy based parameters (vitrinite, reflectance, VIRF, and sporinite fluorescence) indicated a broad maturity range with the presence of two vitrinite populations one of lower reflectance than the estimated from chemical parameters and the other one of higher reflectance. Up to now samples from lacustrine a marine-transitional origin have been analysed in the WG. The convener suggested for the next year to complete the set of organic matter types using a marine sample and a sample containing mainly higher land plants derived organic matter. The samples analysed this year for the qualifying vitrinite reflectance WG will be used. They are a Posidonia shale from Germany and a carbonaceous shale from Spain. It was some discussion about the convenience of using a series of samples with different maturity but for the future.

Working Group on environmental application of organic petrology

Convenor: Maria Mastalerz

Maria presented an atlas on anthropogenic particles which is in a quite final stage. The atlas has the particles classified by both relation to the source (combustion, carbonization, manufacture, etc), aand by site of deposition (atmosphere, soil, water, etc), and activating the entries a gallery of images is displayed, which can be enlarged for a better view. The atlas consists of more than 600 images and most of the types are well represented. After the presentation some questions aroused related to the identification of the particles and whether the ICCP classifications for chars and coke were followed or no. Maria mentioned that there is great interest for the atlas and that she would like to have the document ready for distribution as soon as possible. Maria distributed within the audience 20 copies of the atlas to be reviewed and she will be collecting the comments within the next months to prepare the final version of the Atlas to be approved before distribution. The question of the distribution of ICCP products was discussed and the ICCP policy regarding this matter was clarified by the president.

Coalseam methane and CO_2 sequestration WG

Convenors: Lila Gurba and Peter Crosdale Lila presented some data about the significance that CO_2 sequestration is probably going to have in the future. It appears to be room for ICCP to contribute to clarify the influence of coal petrographic properties on CO_2 sequestration although it is not very clear at the moment which sort work will be developed within the WG. The first action will be to circulate a questionnaire during the year to test how ICCP members see this subject and which sort of contributions can be done. Depending on the response it will be decided what to do for the next year. The session finished with a very interesting presentation by Dirk Prinz from Aachen University on the "Interaction of water and pore structure on the methane adsorption capacity of coals of varying rank"

Qualifying vitrinite for reflectance WG

Convenor: Angeles Gómez Borrego The WG is aimed at discussing and testing a qualifying system for vitrinite reflectance analysis. During the last years the qualifying system was modified according to the results of two round robin exercises based on CD images. During the year 2004 a Round Robin exercise was performed in which participants were asked to measure vitrinite random reflectances on a sample registering simultaneously a qualifier for the surface. Four samples containing different organic matter types were analysed a carbonaceous shale (higher land plants organic matter, Spain) a marine shale (Posidonia, Germany), a marine-transitional shale (Irati, Brazil) and a lacustrine oil shale (Puertollano, Spain). The exercise was performed by 21 analysts from 12 laboratories. The agreement between participants in the reported reflectance was very good for the Carbonaceous shale, rather good for the Posidonia and large scatter was found for both Puertollano and Irati shale. The results improved when two vitrinite populations were considered for these two samples. In short the conclusions were: i) there is no significant variation in the mean reflectances depending on the quality of the surface, ii) it might be useful to have an estimate of the reliability related to the counts and the homogeneity of the vitrinite population, iii) applying the existing accreditation procedure for coal reflectance to the data compiled for this exercise the results were encouraging with rather acceptable individual bias.

The objectives pursued by the WG have been reached and therefore the WG was officially closed. The results have also outlined the major problems to initiate an ICCP accreditation programme for vitrinite reflectance determination in dispersed organic matter. The first action for the accreditation programme is the selection of a suitable set of samples. New Albani shale and Pannonian silts were suggested. Once a pre-selection of samples is done, it is considered the possibility of circulating blind samples without identification among a group of people to check the difficulties before they are decided for the accreditation. Alan Cook will take care of this first task "sample identification and collection" till a convener is found to continue with the programme.

Isolation of Organic Matter WG

Convenor: Werner Hiltmann

Werner prepared a review of the past activities of the WG starting with the work initiated by J. Senftle. The WG was aimed at the beginning at establishing the effect of kerogen isolation procedures on the identification of organic matter and on petrographic parameters. From the beginning it became clear that discrepancies in identification of components were very much related to the lack of a common nomenclature. J. Castaño convened the WG. for some years during which a number of analysis were performed with different levels of agreement depending on the difficulty of the samples. A final report was prepared in 1996 including a compilation of pictures taken by different participants with their own identifications. The lack of a common nomenclature appeared to be the basis for the discrepancies among participants. This was also identified as a problem when the dispersed organic matter WG under the convenorship of W. Kalkreuth initiated its activities. Indeed a different group was created to deal just with the establishment of a classification system for dispersed organic matter, which has been convened

for some years by J. Burgess, L. Stasiuk and A. Hutton. The goal of the group has been the production of a single classification system for organic matter in sedimentary rocks regardless the type of preparation. This joint ICCP-TSOP classification system is now ready for testing. After Werner's presentation it was mentioned the utility of having all the information reviewed by the convenor in an accessible document (CD or *.pdf for the web) so that the ICCP members, particularly the new ones can know all the activities performed during the years in this field. In addition to the reports reviewed by W. Hiltmann, there is a large amount of graphic material circulated within the group or sent to the convener by different participants which has been compiled by J. Burgess.

The conclusion from Werner's report was that the isolation procedure appears to be a minor item compared to the identification of components. ICCP is now in a better position to face this problem since a formal classification for DOM is available. The activity for the next year will consist on the preparation of a round robin exercise in the form of CD images where participants will be asked to classify the component according to the ICCP-TSOP classification system. The basis of the exercise will be the scanned graphic material compiled by J. Burgess. M. Mastalerz and J. Kus who will be convening the group in the future volunteered to prepare the CD for the exercise. Werner compromised to prepare for the next year an extended review document including the results, developments and achievements of this WG over the years to make it available to the members.

MINUTES OF COMMISSION II -Applications of Coal and Organic Petrology to Utilisation 56th ICCP MEETING Budapest, September 12-18, 2004

Chair:	Rosa Menéndez
Secretary:	Henrik I. Petersen

The session of Commission III was held on Friday the 17th September from 10.00-12.45 and was attended by approximately 30 members and guests.

The chair announced some changes in the agenda as two of the convenors (E. Lester: Combustion WG) and C. Rodrigues (Improved image analysis WG) were not at the meeting. The

chair will contact the convenors to hear what happened. S. Pusz, the convenor of the Application of reflectance to estimate structural order WG, was also unable to attend. B. Kwiecinska apologised for S. Pusz and informed that the proposed exercise is on the way and that the convenor will be present in Patras in 2005

Automation Working Group Convenor: D. Pearson

The convenor informed that the mechanical stepping stage for point counting manufactured by Swift is no longer produced. A group in Wales produces a substitute for 1800 GBP. More information can be found at 'steppingstage.com'.

The convenor presented at method to determine a coal type from reflectance profile fingerprinting. The system used for automated petrography was described, and the interpretation of the total reflectance profile (fingerprinting) of the coal obtained by the automation system was demonstrated. The measurement of the reflectance profile is based on 4069 greyscales from white to black.

A discussion followed the presentation, and among other things it was discussed how to discriminate liptinite from the embedding material.

Coal Blends Working Group

Convenor: I. Suárez-Ruiz

The state of the art of the coal blends accreditation programme was presented by I. Suarez-Ruiz and A.C. Cook. The convenor presented a proposal for the accreditation programme on petrographic coal blend analysis. The objective of the programme is "to accredit coal petrographers in coal blend analysis by using microscopic analysis". The participants of the accreditation programme

are requested to determine:

- 1. The number of coals in the blend
- 2. The overall vitrinite reflectance (random) of the coal blend
- 3. The vitrinite reflectance (random) of each coal in the blend
- 4. The overall maceral composition (m.m.f.) in terms of vitrinite content
- 5. The maceral composition of each coal in the blend

6. The proportion of each coal in the blend The analyses should be performed following the ISO standards for analysis of coals and the methods developed by the Coal Blends Working Group.

M. Mastalerz will provide the coals for the blend. The petrographic and geochemical characterisation of the component coals will be performed at INCAR, Spain. It is the responsibility of the convenor to decide if the component coals are adequate for the exercise.

A. Cook described the statistical procedures for evaluating the results. The procedures are identical to the existing ones used by the accreditation programme in vitrinite reflectance and petrographic composition analysis.

Accreditation in coal blends will start this year.

Coke Petrography Working Group Convenor: H. Eickhoff

The convenor summarised the activities of the WG, in particular what has previously been done to establish a coke classification system and where are the difficulties.

The convenor then gave a presentation of the results of automated measurements of coke texture carried out at ThyssenKrupp Stahl.

The chair suggested that a simple coke texture classification will be selected by the convenor, with her assistance. The idea is to determine the bi-reflectance on the different textures, apart from the quantification of the different types. Once the proposal of the exercise is prepared, it will be sent to the members of the WG for discussion, and then, a coke sample will be distributed to the members of the WG, with clear and precise guidelines about how to perform the exercise. The results obtained by manual analysis of the coke texture (using the simple classification system) should then be compared with the results of the automated analysis.

Secretary of Commission III Copenhagen, 05.10.04

Appendix VII

Minutes of the Council Meetings - 56th **ICCP Meeting Budapest 2004**

Council Meeting at 13.30 to 17.45 on 12 September and 18.00 to 19.45 on 15 September 2004 in the Directoral Conference Room of the Geological Institute of Hungary (MAFI), Stefania ut 14, Budapest XIV.

Members of Council present, A C Cook, President,

P David General Secretary, **L Vasconcelos** Vice-President, (*R Schwab Treasurer, P Crosdale Editor*), **W M Pickel** Chair Commission I, **D Flores** Secretary Commission I, **A B Gomez** Chair Commission II, **M Hamor Vido** Secretary Commission II, **R Menendez** Chair Commission III, **H Petersen** Secretary Commission III.

Reports were received on the convalescence of Rudi Schwab who is recovering from a serious operation.

2. Minutes of Previous Meeting

Resolved ICCPC04/2/1. Council approved the Council minutes as circulated.

2.2 The minutes of the Plenary Sessions were published in the ICCP Newsletter #30.

Resolved ICCPC04/2/2. Council approved the Plenary Session minutes as printed in the ICCP Newsletter with the following change:

7. ICCP Award for postgraduate students should read *Young Scientist Award*.

2.4 Business arising from the minutes. No business was considered under this item.

4. Future meetings

4.1 Arrangements for meeting in Greece in 2005.

A presentation was by made Stavros Kalaitzidis on arrangements for the 2005 meeting. The meeting will be held 18-23 Sept 2005, at University of Patras.

4.2 Invitation to Indonesia

Resolved ICCPC04/2/1. Council thanks Dr Hadiyanto for his letter of invitation and prefers the option of meeting in Bandung, while conscious of the opportunities to visit coal mines if the meeting were held in Balikpapan.

4.3. Invitation to a meeting in 2007 in Victoria, Canada from Vern Stasiuk.

Resolved ICCPC04/3/1. Council recommended acceptance of the invitation to a meeting in 2007 in Victoria, Canada.

4.4. Invitation to a meeting in 2008 in Oviedo, Spain by Isabel Suarez-Ruiz.

Resolved ICCPC04/4/1. Council recommended acceptance of the invitation to a meeting in 2008 in Oviedo, Spain, noting that the organization of a joint meeting with TSOP is an aim of the organizers and that joint meetings may be inherently more complex.

4.5 Invitation to a meeting in 2009 in Porto Alegre, Brasil from Wolfgang Kalkreuth.

Resolved ICCPC04/5/1. Council recommended acceptance of the invitation to a meeting 2009 in Porto Alegre, Brasil.

4.6 Invitation to a meeting in 2010 in Belgrade, Serbia and Montenegro from Alexandar Kostic and Marco Ercegovac.

Resolved ICCPC04/6/1. Council recommended acceptance of the invitation to a meeting in 2010 in Belgrade, Serbia and Montenegro.

4.7. Provision of seed funds for future meetings.

Resolved ICCPC04/4/7/1. Council recommended that the GS be authorised to offer up to USD 500 in seed funds for future meetings as a grant in aid.

5. Membership

See Minutes for Plenary Sessions for recommendations for admissions.

5.5 Membership Directory

The Membership directory has been reissued taking into account requests for privacy

- Resolved ICCPC04/5/5/1. Council notes the new membership directory and thanks the Editor for his work in preparing the new format.
- Resolved ICCPC04/5/5/2. Council requests that the new membership directory be posted on a secure area of the website and requests that members be supplied with the appropriate access codes for this area.
- Resolved ICCPC04/5/5/3. Council notes that on the website, the President has had his Email address disguised by the insertion of ICCOP before the ISP name to allow manual searches, but to compromise the use of spiders and similar techniques to access Email addresses for use by spammers. Council notes that since he changed his Email address and had ICCOP inserted, the President has received no spams on his new Email but continues to receive about 350 per day on the old address.

David Pearson gave a brief explanation of the way in which the password system would work.

6. Medals

6.2 Organic Petrology award.

The recommendation received from Marc Bustin was approved by Council and the medal will be awarded for the first time at the 2004 meeting.

6.3 Production of an Organic Petrology Award Medal.

Resolved ICCPC04/6 Council notes with approval the steps taken by the General Secretary to have the Organic Petrology Medal struck following the design made by Peter Crosdale.

7. Financial matters

7.1 Treasurer's Report

The treasurers Report is attached as Appendix IV. 7.2 Consideration of a new set of Membership Fees

- Resolved ICCPC04/7/2/1. Council notes the comments of the Honorary Treasurer in relation to membership fees but recommends to the General Assembly that the fees remain unchanged.
- Resolved ICCPC04/7/2/2. Requests that the Hon Treasurer explores alternatives to current methods of funds transfer and ways in which it can be made easier for members in countries having banking systems that are associated with high transaction costs.
- Resolved ICCPC04/7/2/3. Council recommends a realignment of the rates in the light of changes in exchange rates as follows. GBP20= EUR 30=USD37 and for the three

GBP20= EUR 30=USD37 and for the three year discounted fees *GBP 50=EUR75=USD90* (note, the alteration to the USD rates do not fully represent the change in currency alignments)

Resolved ICCPC04/7/2/4. Council recommends retaining the use of GBP as the currency base.

8. Editor

The Editor's report was received.

- Resolved ICCPC04/8/1/1. Council receives the report of the Editor and congratulates him on the presentation and the new ideas brought into Newsletter.
- Resolved ICCPC04/8/1/2. Council notes that the editor may wish to undertake other publishing projects and approves of them provided they are in pursuance of the objects of ICCP and that the

Treasurer is consulted if significant expenses are expected.

Resolved ICCPC04/8/2/1. Council approves the budget submitted by the Editor based on the production of the ICCP Newsletter in black and white and in colour in the web version.

Note: Resolutions adopted in 2002 allow Council to permit the Editor to set prices within general guidelines established at that meeting.

Resolved ICCPC04/8/2/3. That Council notes that the arrangements made with Elsevier with respect to copyright retention and non-exclusive publishing have been operating during the year and appear to be effective.

Note from ACC: It appears that Elsevier will continue to send out the standard copyright agreement without any mention of the restrictive agreement. Members are requested to use the restrictive agreement for publications that arise from the work of ICCP. A copy of the restrictive agreement can be obtained from the Editor of ICCP, the General Secretary or the President.

8.3 Proposal from the Editor in relation to ICCP Endorsing and /or sponsoring conferences

Resolved ICCPC04/8/3/1. That Council notes the proposal of the Editor and requests him to prepare a document with further information.

9. Website

- Resolved ICCPC04/9/1/1. Council notes with approval the performance of the Website operated by Dr Pearson and records its thanks to him and his staff for their work.
- Resolved ICCPC04/91/2. Council notes the increasing range of material available on the website and encourages conveners to keep their areas updated using the normal Commission organization system.

Dr Prinz made a presentation of a draft revision of the website. Front page. Logo, buttons on left, with sub pages for each commission. It was agreed to go ahead with the revision along the lines proposed by Dr Prinz. The Chairs of the Commissions will take the lead in revising the commission pages and the General Secretary will take the lead for the general sections.

Council thanked Dr Prinz for his excellent presentation.

Resolution ICCPC04/9/3. Council accepts the suggestions in the attached paper from Dr Prinz for the redesign of the Website and requests the

assistance of the Webmaster in implementing it.

11. Elections

No elections were required.

12 Status of ICCP

When the new forms for application for affiliation with ECOSOC (UNESCO organization) were obtained, it became clear that ICCP in its current form is not eligible to apply. As was discussed at the Plenary Session in Rio, it may be desirable for a number of other reasons to become a formally registered organization. These other reasons including some associated with running the current Accreditation Program and Public Liability insurance (in particular that relating to Professional Indemnity). The success of the Accreditation Program may make it more desirable for ICCP to have insurance.

- Resolved ICCPC04/12/1. In order to continue the development of the role of ICCP, Council resolves to put the question of registration to the membership in the following terms:
 - (i) that the Council of ICCP be requested to submit plans to permit registration of ICCP as a formal organization to a vote of members prior to the 2005 meeting of the General Assembly; and
 - (ii) that finalization of the material sent to members be the responsibility of the Executive of ICCP (President, General Secretary and Honorary Treasurer) and that it be based on the material given in Appendix III (at the end of this document)

The vote will be open to all members of ICCP because the restriction of voting to Full Members relates to alteration to the Statutes and to some categories of officers.

A draft version of the 'Statement to accompany vote by membership on status of ICCP' is given in Appendix VIII. All members are invited to comment on the draft (email to the President).

13. Accreditation Program

Report by the Chair of the Accreditation Program and by the Conveners in accordance with Resolved ICCPC03/15/4. That conveners report annually on procedures through the Chair of the Accreditation Committee to Council.

The Accreditation Sub-Committee now comprises:

The Chair of Commission I (normally the Chair of the Sub-committee)

- The Chairs of any other Commissions contributing Accreditation programs
- One additional member drawn from outside Council (This member has yet to be nominated).

A number of papers have now been received in relation to the review of the Accreditation Program. The Chair of the Accreditation Sub-Committee will summarize these and circulate the material received following the Budapest meeting.

14. Revision of the Statutes*

A paper discussing the Statutes was provided by Peter Crosdale as an attachment for the Copenhagen meeting. During the year, Lopo Vasconcelos agreed to coordinate further consideration of changes and has prepared a document that was circulated during the year.

Resolved ICCPC04/14/3. Council receive a presentation from the Vice President relating to progress on the revision of the statutes, noting that any revision would require coordination with item 12, Status of ICCP.

It was agreed that Peter Crosdale and another person to be nominated would assist the Vice President with further work on the Statutes.

15. Relations with TSOP

Positive developments in relation to TSOP include:

1. TSOP President has arranged for Maria Mastalerz to make a presentation about TSOP on his behalf to this meeting.

2. The President of ICCP or representative has been asked to make a similar presentation on behalf of ICCP to the TSOP 2004 meeting.

Resolved ICCPC04/15/1. ICCP will continue to encourage interaction with TSOP in so far as such interaction benefits ICCP activities and the ICCP membership.

17*. Other business

David Pearson reminded council that now the ICCP logo has been registered, we are required to use the trademark symbol must be used with the logo in all applications.

18 October 2004

Appendix VIII

Statement to accompany vote by membership on status of ICCP -draft for comment

Pre-amble

ICCP as currently organized does not have formal status. As such it cannot take part in organizations such as ECOSOC (a UN agency) and it cannot take out insurance on behalf of any of its activities. It has also been suggested that programs such as that for Accreditation would have greater recognition if ICCP were formally registered.

If registered

ICCP would have to comply with a number of formalities in order to become registered. The Statutes would require revision to confirm with the body under which registration was undertaken. It is normal for registered organizations to have professional liability insurance.

Pros and Cons for registration

Arguments exist both for progression to registration and for retaining the status quo. These include:

- A. A possible wish by members to remain a relatively informal organization.
- B. The need for registration for the identification of ICCP with a specific country. Although this might be viewed as a dramatic step, to some extent that this has already happened with the existence of the Statutes. The Statutes indicate that ICCP is subject to English Law. It might also be noted that many elements of this law are common to a number of countries where much of the law is based on English Common Law. There is no such thing as registration as an International organization. Even the UN requires that organizations have a National identity.
- C. Costs are associated with Registration. These include the costs of
 - 1. Application -estimate about USD 40 to USD 360.
 - 2. Annual registration fees estimate USD 25
 - 3. Insurance estimate USD 1000 depending upon requirements for the policy
 - 4. Auditing of books estimate USD 500 to USD 1000
 - 5. Redrafting of statutes this could probably be done by members, or using the pro-formas that are available from registering

organizations.

The total annual cost of continuing registration is likely to be of the order of USD1500, and that is equivalent to an annual fee of USD 10 per current member. As a significant part of the cost could be attributed to the Accreditation Program, the actual effect upon fees would be less. Additionally, if ICCP were registered, there may be circumstances where grant income could be obtained that might more than offset the costs of registration.

D. The potential costs and dangers of not having Public Liability Insurance. It is certainly true that the chances of ICCP being sued would be greatly increased if we have insurance, but that would be "cold comfort" if we were to be sued and did not have such insurance.

In summary, the case for retaining ICCP in its present form are the minimum cost and the knowledge that the present form has worked for a long period of time.

The case for registration is that during its history, ICCP has changed and now needs a more formal structure in order to be able to advance further. The importance of the Accreditation Program is considerable. In many ways it has totally altered the way in which both ICCP and petrographic analyses are viewed. Comments have been made to ICCP that the standing of the Accreditation Program (and therefore of ICCP as a whole) would be greatly enhanced if ICCP were to become a formal registered organization.

Primary and secondary issues

The most important matter to be decided is should ICCP become a formal organization? Other matters such as the form and the location can be decided once the initial decision has been made.

Request for members to vote

The cases for and against both have powerful aspects. It is important that members express their opinions in this vote.

The vote

ICCP should become a registered organization

Yes _____ No _____

ICCP Awards

ICCP offers a number of awards to recognise outstanding achievements in coal and organic petrology at various stages of career development. Full details of each award, its terms and conditions and how to apply can be found on the ICCP home page a t http://www.iccop.org or by contacting the chair of the award committee (see inside front cover).

Young Scientist Award Call for Nominations

For recent higher degree graduates under 35 years of age who have potential to make outstanding contributions in the field of coal and organic petrology during their career. The award consists of:

-\$500US cash

- 3 years of ICCP Membership

-a certificate

In addition, the ICCP Council may invite candidates of exceptional merit to attend the next ICCP meeting to present their results. In this case, up to an additional \$1500US will be provided to cover expenses. Meeting costs will be included. Applications close on **December 31** of each year.



Organic Petrology Award

The Organic Petrology Award recognises outstanding contributions by

coal and organic petrologists at an intermediate stage of their career. It is limited to applicants under 50 years of age. The award consists of a bronze medal and a certificate. Applications



for the award are called for every second year. Nominations for the 2006 award will be called for in 2005.

Thiessen Medal

This is the highest award offered by ICCP. It recognises a lifetime of achievement and outstanding contributions in the fields of coal and organic petrology. The award consists of a bronze medal. Awards are made sporadically but applications are called for every 2 years. The medal was last awarded in 2003.

Organic Petrology Award 2004

Dr Maria Mastalerz



Dr Maria Mastalerz receives the inaugural Organic Petrology Award from ICCP President Dr Alan Cook

Response by Dr M. Mastalerz

President, ICCP Council, Ladies and Gentlemen,

It is a great honour to be here to receive the Organic Petrology Award and I am very moved to have been chosen as the first recipient of this award. Thank you, ICCP, and to all of you for your support.

From the time I first began my research in organic petrology, I have been very fortunate to be associated with people who trusted in me and supported me. Professors Kazimierz Dziedzic, Jerzy Niskiewicz, and Irena Wojciechowska from Wroclaw University, Professor Wieslaw Gabzdyl from the Silesian Technical University in Gliwice, Professor Barbara Kwiecinska from the Academy of Mining and Metallurgy in Krakow helped me immensely as I was taking my first steps in the professional field in my native Poland. I truly believe that the Polish education system, the conditions in Poland, and the Polish values well equipped me to be determined, focused, and effective.

I would like to dedicate this award to two individuals who greatly influenced my career in coal geology and organic petrology. In 1986, Professor Duncan Murchison responded to a letter from an unknown woman from Poland and invited her to spend several months with his research team at the University of Newcastle-upon-Tyne in Britain. This was my first visit abroad, and the opportunity that gave me confidence, improved my English, and opened my eyes to the possibilities. Professor Marc Bustin offered me a postdoctoral position at the University of British Columbia in Vancouver. At that time, one of the few things that he knew about me was that I would be coming to UBC as a single woman with a little girl. Now my daughter Kasia is a medical student at Pittsburgh University; both Kasia and I will always be grateful to these two men for the difference they made in our lives.

My ten-year association with Indiana University in the U.S.A. has also been a very happy one. Working with my colleagues - Arndt Schimmelmann, Erik Kvale, John Rupp, Nelson Shaffer, among others - has been critical to my scientific development, and continual support of my supervisors, Norman Hester and John Steinmetz, is greatly appreciated. I am greatly indebted to my post-doctoral fellows and graduate students Agnieszka Drobniak, Rachel Walker, Grzegorz Lis, Dariusz Strapoc, and Wilfrido Solano-Acosta. Their enthusiasm, reliability, and humor make my work more complete, exciting, and fun.

While working at Indiana University, I have enjoyed many fruitful collaborations with my colleagues from other centers. Joint projects with Jim Hower, University of Kentucky, Miryam Glikson, University of Queensland, Erwin Zodrow, University College of Cape Breton, Colin Ward, University of new South Wales, and others have been very rewarding. And it is a great joy for me that these people have become not only my co-workers but lifelong friends.

I love my work, I love research, and I love organic petrology. I have not expected any distinguished awards or recognitions. For me the best reward is just having the opportunity to continue doing what I have been doing for last 20 years. I do, however, gratefully and humbly, accept this award. It gives me assurance that the choices I made and direction I chose were good ones, and it will motivate me to work even harder to deserve it. Thank you very much indeed.

Thiessen Medal 2004

No Award Given



by Alan Davis (right)

On Saturday, September 18, a busload of ICCP members and guests embarked upon a trip to Northern Hungary. Our first stop was to examine the Miocene Bükkalja Lignite Formation at the Southern Mine open pit, Visonta, which supplies the Mátrai power station. Our guide there was Agnes Kiss-Mezei, the Mine Geologist. The rather bumpy and thrilling ride through the mine was made in vehicles built as sturdily as prison transport. It vividly brought to mind the story we had been told on our evening tour of Budapest, of how Bishop Gellert, later sainted, had been rolled downhill in a spiked barrel into the Danube.

Thirteen percent of Hungarian electricity production comes from lignite, and at one time, when nuclear production was temporarily curtailed, power from lignite was called upon to fill the gap. A large number of drainage wells pump groundwater from several aquifers enabling the mining to take place; this water is used extensively in the nearby townships. We examined two seams, the Nos 1 and 2, of these woody lignites which typically are about 5m in thickness with average ash and sulphur in the reserve of 14 and 1.3%, respectively. These unusual coals contain large, readily separable plant parts and our group attacked them enthusiastically. The Greek contingent would easily have won any award for carrying off the greatest quantity of samples. It remains to be seen whether Maria Hámor-Vidó will return the compliment during next year's ICCP field trip in Greece.



Sampling in the mine. Photo Lopo Vasconcelos

The mine kindly provided us with an excellent lunch and a good selection of Hungarian wines and beer to settle the coal dust.

In the afternoon we were introduced to the historic town of Eger, famed for red wines and medieval thermal baths, with a train ride through the streets (well, it wasn't a real train). We noted the ubiquitous commercial and family wine cellars carved into soft rhyolitic tuff, hinting at pleasures to come. According to our field trip guide, there are thousands of these excavations around the Bükk mountains. The town square features a baroque Minorite church and a statue of local hero Istvan Dobó; his army of less than 1000, supported by the women and girls of the town, withstood a month-long siege of the castle by an Ottoman army of some say 80,000, in 1522. The square has another statue depicting the bloody battles. The Turks returned a few decades later, and Eger's minaret marks the northernmost extent of Islam until modern times.

Our final stop was for a wine tasting at the



The minaret in the town of Eger. Photo Alan Cook

100-year old Vagypal Pince cellars. Maria Hámor-Vidó had been our guide throughout the trip but now she functioned as interpreter to the vintner and demonstrated that she had a good knowledge of wine and wine-making herself. We tasted one white and five reds. Two of the reds were components of the famous Bikavér (literally, Bull's Blood), and the final tasting was the Bull's Blood itself. The reds were poured in a stream from long-necked glass vessels into our glasses. The technique would be familiar to any attendee at the 1983 ICCP meeting in Oviedo who saw Javier Prado and Marie-Therese Mackowsky pouring cider from bottles at two arm's length. The glass vessel used in Eger is called a lopo and, after repeated requests, we were treated to the spectacle of Vice-President Lopo being fed wine directly from a lopo. The tasting was complemented with plates of home-made meats, cheese and salads. One pressed meat was especially delicious and it was only at the end of the evening that we were informed that it was made entirely from parts of a pig's face.



Field trip participants dutifully complying with the request to wait for a photo or the cellar door will not be opened. Photo Alan Davis

A warm glow exuded from our group on the bus trip back to Budapest following our exertions in the field and cellar.

Maria had provided a short poem by Hungarian poet Sándor Pet fi as a postscript to the field guide. I think it is appropriate to give an excerpt here.

> What else could I need Than good friends and good wine These two will keep me going Until the end of time.

> > Alan Davis

Know Your Coal Petrologist #13



Both are bearded, both are grey, both are stubborn BUT one of them is a goat and the other is a coal petrologist. Answer page 43.

ICCP Classifieds

A free service to ICCP members. Send your 'For Sale', 'Wanted to Buy', 'To Give Away' etc. to the editor.

WANTED TO BUY

- Objective: Leitz 50/0.85 P oil , Infinity/0 Dave Pearson mailto:dpearson@coalpetrography.com
- Point counter stage only Peter Crosdale mailto:peter.crosdale@energyrc.com.au

DONATION NEEDED

- an old working photomultiplier microscope for vitrinite reflection measurements;
- a point counter;
- the last edition of COAL Van Krevelen's.

for the Carbochemistry Laboratory's benefit (Industrial Chemistry Faculty -University Politehnica Bucharest) which is deeply involved in petrological activities (graduation diplomas and Ph.D. students of Prof. Cornelia Panaitescu).

Contact: Dr. Georgeta Predeanu: mailto:gpredeanu@metal.icem.ro or mailto:gpredeanu@yahoo.com

DEADLINE FOR NEXT ICCP NEWS :



ICCP Services

★ ICCP Reflectance Standard ★ Accreditation Programme

For more information contact the Commission I chair:

Dr. Walter Pickel

mailto:walter.pickel@organicpetrology.com mailto:walter.pickel@ozemail.com.au

Appeal for Samples

At the Budapest meeting, it was agreed to establish Accreditation Programs both for coal blends and for vitrinite reflectance in dispersed organic matter. The convener for the coal blends is:

Dr. Isabel Suárez Ruiz Instituto Nacional del Carbón - CSIC Apartado 73 33080 Oviedo SPAIN Phone +34-98-511 9090 Fax: +34-98-529 7662 mailto:isruiz@incar.csic.es

and the *pro temporare* convener for vitrinite reflectance in dispersed organic matter is

Alan Cook 7 Dallas St Keiraville NSW 2500, Australia Phone +61-2-42 299 843 Fax +61-2-42 299 624 mailto:alanccook@iccopozemail.com.au Note: 'iccop' should be removed from ISP name to use this address

Both conveners are anxious to receive samples of suitable materials for use in the new accreditation programs. Some specifications for samples for the two programs are set out in that table.

Preferred	Blends	V R DOM
Sample weight	40 kg	2-4 kg
Grain size	-5 mm with minimum -72 mesh	-4 mm
Rank	Mean vitrinite reflectance 0.60% to 1.6%	0.40% to about 3.0%
Range of vitrinite reflectance in sample	Coals should be single seam	Sample should be isometamorphic with a small range of vitrinite reflectance values
Туре	Mineral content should be less than about 7%, a range of vitrinite contents is acceptable	The proportion of dispersed organic matter in the sample should be in the range 1% to about 15%, preferably with vitrinite more abundant than inertinite, high liptinite rocks can be used, but the more complex rocks types will not be used in the initial stages
Address for samples	Dr. Isabel Suárez Ruiz	Alan Cook

ICCP will assist with costs for sending suitable samples to the conveners. Contact should be made with the relevant convener to determine the suitability of any given sample before material is sent to the convener.

Within the blend program, the aim will be to prepare three component blends with little or no overlap in the vitrinite reflectance ranges for the components. Participants will be asked to determine the vitrinite reflectance of each component, the overall vitrinite reflectance of the blend and the blend composition together with the vitrinite content of each blend component.

In the vitrinite reflectance program for dispersed organic matter, the aim will be to determine the ability of analysts to determine vitrinite reflectance for samples with relatively well-defined vitrinite populations. It is not intended to be a test for the maceral analysis of some of the more difficult assemblages of dispersed organic matter but rather a test of the ability to provide vitrinite reflectance data for vitrinite within a range of sedimentary rock types over a wide range of rank or maturation. We hope to receive an overwhelming response!

Isabel Suárez Ruiz Alan Cook

Congratulations Bruno



Dear All

I would like to inform you that Bruno Valentim won two silver medals in the Athens Paralympic Games in Boccia BC4 individual and pairs. As you know Bruno is one of the most accomplished athletes woldwide with a long career in this sport. To remember this pleasant moment please see the above photo. Congratulations Bruno

Best regards Deolinda

2004 ICCP Membership Directory

A copy of the latest ICCP Membership Directory is included with this issue. This directory is a significant improvement over earlier versions due to the addition of member's photographs, which will prove especially useful for those members who have difficulty in attending the annual meetings on a regular basis. Although production of the directory was time consuming, the additional effort required has been well rewarded by the final product.

In accordance with ICCP Council resolutions, an electronic copy of the directory will be available on the web site when a secure area becomes available.

Directory Updates

Since printing, the following changes to member's details have been made:

- * Mr Jack BURGESS is now an Honorary Member
- * Prof. Marc **BUSTIN** is now a Full Member * NEW MEMBER

Ms. Glecy **CALLEJA** (A 1) 22/39 Barker St. Kingsford, NSW 2032 AUSTRALIA Tel.: +61-2-9385 8065 mailto:glecy@student.unsw.edu.au

- * Prof. **CHEN** Peng : new email address pchen@ccri.com.cn
- * Dr. Bukin **DAULAY**: new email address Bukin@tekmira.esdm.go.id
- * Dr Petra **DAVID**: new email address petra.david@tno.nl
- * Dr. Deolinda **FLORES** advises that, whilst her married name is Flores Fonseca, her professional name remains Flores
- * Dr Hal **GLUSKOTER** has changed his membership status to 'Retired'

* NEW MEMBER

Dr. Dariusz GMUR (A 1,2) Kraków Research Centre of the Institute of **Geological Sciences** Polish Academy of Sciences (PAN) ul. Senacka 1 31-002 Kraków POLAND Tel. +48-12-22 19 10 or 22 89 20 Fax: +48 12-22 16 09 mailto:ndgmur@cyf-kr.edu.pl http://www.ing.pan.pl/ * NEW MEMBER Dr. Jacek Krysztof MISIAK (A1,2) AGH University of Science and Technology Faculty of Geology, Geophysics and **Environmental Protection** Al. Mickiewicza 30 30-059 Kraków POLAND Tel.: +48-12-617 2417 mailto:jm@geolog.geol.agh.edu.pl http://www.uci.agh.edu.pl/agh/dep/GL/index_e.html * Dr Rudi SCHWAB: new email address rudi.schwab@btinternet.com

* Dr. Alok K. SINGH has changed jobs : Researcher Raw Material & Coke Making Research Group Research & Development Division The Tata Iron & Steel Company Limited Jamshedpur - 831 007 India +91-657-2147460, 2147466 (Office) Tel +91-657-2149576 (Residence) Fax +91-657-2271510 Email: alokk.singh@tatasteel.com singhalokk@yahoo.co.in * Dr Krystyna TOKARSKA-SCHWAB: new email address krystyna.tokarska@btinternet.com

* Dr John **VLEESKENS** is now an Honorary Member

Dr Rolf **WARTMANN**: new email address marowartmann@t-online.de

Please update your contact details with the Treasurer when necessary

News from TSOP

TSOP FIELD TRIP REPORT- NEWCASTLE COAL MEASURES Reported by Joan Esterle, Colin Ward and Adrian Hutton

Soaked to the bone by 10am, the denizens scrambled to follow the amazing and nimble Claus Diessel to some spectacular outcrops of the Newcastle Coal Measures. Not to be dissuaded by a little rain, wind and hail, Claus led a troupe of some 25 TSOP attendees along coastal outcrops between Newcastle and Sydney. The day before, we made the first stop with Austral-Germanic precision (the timetable said Expected Arrival: 17.00h and arrive at 5.00 pm we did) to catch the base of the coal succession, the Borehole seam, prior to twilight;. The Borehole seam overlies a texturally mature sandstone with low angle to swaley cross stratification interpreted to have formed in a tide-dominated barrier shoreline. The sdandstone is overlain by laminated, carbonaceous shales interpreted as lagoonal products. Afterwards an excellent meal was enjoyed at Noah's Hotel overlooking the beach and impending weather at Newcastle.

Fortified, we awoke the next morning and braved the view from Signal Hill, which "given relatively clear weather, offers and opportunity to study the relationship between the physiography of the Hunter Valley, the City of Newcastle and their underlying rocks". Unfortunately Claus had not written "fine weather" in the field notes and so it rained! The next stop at Susan Gilmore Beach presented us with extensive well and thickly banded, vitrinite-rich coals associated with fine grained sediments interpreted to have formed in alluvial environments. The sandstones displayed beautiful ripple laminations and channel bodies heralding their origins as channel and splay deposits. Beautiful exposures of root-penetrated floor and the build-up of the seam were had by all.



Susan Gilmore Beach outcrop of the Dudley Coal Seam and its upper and lower splits. Note the lack of blue sky

Working our way up the succession and down the coast we started to understand the relationship between increasing proportion and thickness of conglomerate units associated with increasingly duller coals formed in association with alluvial braid plains.

Of particular note is was the stop at Redhead Beach (at this stage the rain had eased a little) where we saw beautiful examples of massive conglomerates, the Red Head Conglomerate, with over-steepened fore-set beds which provide evidence of differential peat compaction as the gravel sheets in the braid plain accreted over the Lower Fern Valley Seam. For those who like exotic clasts in their conglomerates we had an excellent range coming from the eroded New England hinterland.



Claus Diessel delivering the good word to believers at Red Head Beach. Monk in front

Not enough for the denizens to view the ancient lithified products of times gone by, we stopped at Jewell's Swamp to examine peat accumulation in action and learned first hand that high humidity is a requirement for luxuriant plant growth. By this time all participants could have passed for waterlogged vegetation.

The pre-lunch stop at Swansea Head (we were a bit ahead of schedule and taking advantage of breaks in the weather) gave us first hand observation of the pyroclastic intercalations in coal seams and the demise of the Lower Pilot Seam by the 8m thick volcanic ash deposit of the Reids Mistake Formation. Although viewed in between some big swells and crashing waves, we saw excellent examples of both downed trees and upright stumps captured in time.

After an excellent in-bus picnic lunch from the local Swansea Bakery, the troops regrouped for their final assault on the outcrops at Catherine Hill Bay. Here we were near the top of the Newcastle Coal Measures where the dull but clean Great Northern Seam is exposed close to sea level between the coarse Teralba Conglomerate above and the Bolton Point Conglomerate below. Here the succession is also cut by dolerite dykes, so there was something for everyone.

ICCP News

Although the weather should have been more cooperative, it was a great day spent with a great man and his colleagues in their element. We thank Claus for his ever enthusiastic presentation.



Downed tree impressions captured by the volcanic ash flows of the Rieds Mistake Formation at Swansea Head

2005 Gussow Geoscience Conference Coalbed Methane: Back to Basics of Coal Geology March 9-11, 2005

Get fired up for a discussion on one of the hottest topics in the industry while relaxing at the Radisson Inn, nestled in the beautiful Rocky Mountain setting of Canmore, Alberta. The 2005 Gussow Geoscience Conference will focus on geological aspects around Coalbed Methane (CBM)/Natural Gas from Coal (NGC) reservoirs.

Early-Bird Registration

Early-bird registration will open on December 1, 2004. Register before February 1, 2005 and save \$100 off the registration fee!

Call for poster abstract submissions

Interested delegates are invited to submit abstracts for poster presentations on the topic of CBM/NGC. For more information, or to submit an abstract, please contact gussow.conference@gmail.com. The deadline for abstract submission is January 15, 2005.

Sponsorship

To sponsor this high energy conference, please

contact Bill McDougall, Obann Resources Ltd., 403-540-8610, mailto:obanres@shaw.ca or Kim MacLean at 403-264-5610, extension 205.

For additional information regarding the conference schedule, keynote speakers, registration or abstract submission, please refer to the CSPG website. Simply go to http://www.cspg.org, click on Conventions in the menu bar and follow the links to the Gussow Conference!

How does this form?





Nikki Wagner sends two photomicrographs (reflected light and fluorescing light) of a pyrite nodule within a cutinite band. She would like some thoughts on how and when this occurred e.g. in the peat, or after coalification? We would like to publish your ideas in the next newsletter OR write directly to Nikki -

mailto:nikki.wagner@sasol.com

First Announcement 57th Annual Meeting of the International Committee for Coal and Organic Petrology - ICCP Patras, 19-23th September 2005

Invitation

The President of the International Committee for Coal and Organic Petrology (I.C.C.P.) Dr. Alan Cook, and the Department of Geology of the University of Patras, Greece, have the honour to invite all interested colleagues to the 57th Annual Meeting of the I.C.C.P. in Patras. All three Commissions of the I.C.C.P. will convene for four days. Pre- and post-conference field trips will give to the participants the opportunity to 'touch' in situ Neogene lignite, to visit modern analogues of lignite-forming places, and to walk through famous sites of Greek antiquity.

Venue

Meeting sessions will be held at the Conference and Cultural Center (C.C.C.) of the University of Patras. It is located within the University Campus, between the cities of Patras and Rio.





Organising Committee

- Assoc. Prof. Dr. Kimon Christanis, University of Patras
- Prof. Dr. Prodromos Antoniadis, National Technical University of Athens
- Prof. Dr. Andreas Georgakopoulos, University of Thessaloniki
- Dr. Cassiani Papanicolaou, Institute of Geology and Mineral Resources
- Dr. Stefanos Papazisimou, University of Patras
- Dr. Antonis Bouzinos, University of Patras

Mr. Stavros Kalaitzidis, Ph.D. student, University of Patras

Language

The official language of the conference will be English.

Poster Session

Posters are welcome in all the topics of the Commissions and Working Groups of I.C.C.P. After the Meeting the authors will be asked to send full papers for publishing in a special issue of the International Journal of Coal Geology. More details will be provided in the second circular.

Tentative Programme

A. Pre-conference excursion (17-18.9.2004)

Two-day excursion to Megalopolis Mines (on Peloponnese; Pleistocene lignite), Olympia (archaeological site and museum).

B. Annual Meeting

Sunday, 18.9.2005 Registration
Monday, 19.9.2005 Conference
Tuesday, 20.9.2005 Conference
Wednesday, 21.9.2005 One-day excursion to Delphi (visit of archaeological site and museum) and Vagonetto (visit of a bauxite underground mine)
Thursday, 22.9.2005 Conference
Friday, 23.9.2005 Conference

C. Post-conference excursion (from 24-27.9.2005)

Four-day excursion to Kalodiki peatland, Parga, Dodoni (archaeological site and museum), Ioannina, Prespa National Park, Achlada and/or Vevi Mines (Upper Miocene lignite), Meliti Power Plant, Ptolemais Mines (Pliocene lignite), Nissi peatland, Vergina (archaeological site and museum), Athens.

Fees

Registration fees	100€
For under- and postgraduate students	50€
Conference dinner	50€
Delphi excursion	70€
he costs of both pre and post cor	foranco

The costs of both pre- and post-conference excursions will be fixed in the second circular.

Colleagues, who would like - but for financial reasons are not able to - attend the meeting, may confidentially contact Dr. Kimon Christanis (christan@upatras.gr).

General information

The University Campus is located between the cities of Patras and Rio. Both are connected with the University Campus by bus running every 15 minutes. Taxis are available around the clock. Hotels of excellent, good and fair quality will be arranged in Rio and Patras. Today, a double room costs between $30 \in$ and $170 \in$, depending on the hotel quality.

Patras is connected by air mainly through the International Airport of Athens "Eleftherios Venizelos". From Athens to Patras, there are regular coach services every 30 minutes, as well as daily services by Intercity Express train.

The airport of Araxos (about 30 km west of Patras) is also used for charter flights.

Finally, more than 50 ship-services every week link the city with the ports of Angona, Brindisi and Venice in Italy.

During September the climate is dry with temperatures higher than 25°C.

More information is available:

mailto:christan@upatras.gr

Website: http://www.geology.upatras.gr/epy





To the membership of ICCP

6 October 2004

Dear colleagues and friends,

At the Budapest meeting you really took me by surprise when upgrading my membership.

Obviously you have forgiven me that my first love was not coal. Only now I dare to admit that at university I intentionally missed van Krevelen's lectures to choose the study of white and clean catalyst supports. Later on my affection was for nuclear materials. But politics decided this to be an unwanted relationship. So I changed profile and entered the field of coal.

First name I've seen in literature was Alpern's. I was so shocked by a paper telling me coal actually reflected light, that I decided to know more of this strange phenomenon. And many people were kind enough to share their knowledge. Eva-Marie Wolff-Fisher and Rolf Wartmann at Bergbauforschung to start with.

And Rudi Schwab, Shell-Rijswijk, who invited me to Ostrava,1980. At that time meetings were tri-lingual: Russian Q&A being translated first in German, to be divulged to the general public in English by some gifted interpreter. The advantage for me was that I could listen to the same text twice, learning slowly what it was all about.

In Ostrava I met Bill Spackman who later on introduced me to the - then still existing - research laboratories of US Steel and Bethlehem Steel. Meeting Frank Huggins and his group has been quite helpful for setting up coal mineral matter analysis in our laboratory. Also I came to know Barbara Kwiecinska, with whom- later on - I would do some nice work on natural coke.

In the mid-eighties, after some preliminary work by Laurence Maléchaux and myself, the working group combustion came into being with Margaretha Bengtsson - she has turned to law - as a first convenor.

Five years later, in 1990, I had a joint project with Rosa Menéndez and her colleagues at INCAR. Distance was not a problem: we kept in contact on a fax-within-the-hour basis. Till to-day Diego and I happily disagree on matters of coal combustion.

As I said in Budapest, I thank you all for your support and friendship. But particularly I wished to mention some of the people who, at some time, have been of special importance. And I'm glad the good relationship has persisted.

May I wish myself many happy returns into your meetings.

John Vleeskens

To Be Published in 2005

MINISTRY OF NATURAL RESOURCES OF THE RUSSIAN FEDERATION A. P. Karpinsky All-Russia Geological Research Institute (VSEGEI), Saint Petersburg Petrological Atlas of Fossil Organic Matter in Russia

Petrov, O.V. (Editor in Chief), Vyalov, V.I. (Deputy Editor in Chief) and Volkova, I.B. (Managing Editor)

The Petrological Atlas for the first time offers the most complete characteristic of the diversity of coals in Russia within a broad generation range from the Devonian to the Neogene as well as microstructures of oil shales and specific features of DOM in rocks of sedimentary basins. Part I of the Atlas - geological characteristic of caustobiolith fields, information on coal presence, oil-and-gas presence, oil shales of Russia, qualitative and resource data. The Atlas (section II) contains a characteristic of the types of organic matter in sedimentary basins, a systematics of OM based on the concentration and composition of the initial material. The same section presents a brief description of the basic methods of petrological studies of OM in rocks, coals and oil shales.





200 year hanny CTH K-C BCEFTER

To a piece of coal

"Were you once alive? I touch you; You shimmer like a fern leaf, I cover you with my lens What are you, banded one?"

Clarence A Seyler

2005 Int. J. Coal Geology Subscriptions

ICCP members can subscribe to the International Journal of Coal Geology at a special, reduced rate. For 2005, the subscription rate will be US\$85. ICCP members can contact Tirza van Daalen mailto:T.Daalen@elsevier.com for further information.

Photo Montage of 56th ICCP Meeting, Budapest

Thanks to Alan Cook, Alan Davis, Mária Hámor-Vidó, Georgeta Predeanu and Lopo Vasconcelos for the images



WHAT'S HAPPENING

March 9 - 11, 2005

2005 Gussow Geoscience Conference Coalbed Methane: Back to Basics of Coal Geology, Canmore, Alberta, Canada http://www.cspg.org/gussow_conference.html Contact gussow.conference@gmail.com

<u>11 - 15 April 2005</u>

The World of Coal Ash, Lexington, Kentucky, USA Contact : Dr Jim Hower mailto:hower@caer.uky.edu http://www.worldofcoalash.org/

<u>11 - 14 September 2005</u> 22nd Annual TSOP Meeting, Louisville, Kentucky, USA http://www.tsop.org

18 - 23 September 2005

57th Annual Meeting of ICCP, Patras, Greece Contact : Assoc. Prof. Dr. Kimon Christanis mailto:christan@upatras.gr http://www.iccop.org

Planned Future ICCP Meetings

2006 Indonesia 2007 Victoria, Canada Oviedo, Spain 2008 2009 Porto Alegre, Brazil 2010 Belgrad, Serbia and Montenegro

ICCP Publications

ICCP Handbook

 \star International Handbook of Coal Petrography 2^{nd} Edition (1963) (in English) as CD ROM PC and Mac Compatible Requires Adobe Acrobat Reader Ver. 4 or above ICCP / TSOP member - \$25US (including

postage)

ICCP non-member - \$50US (including postage)

★ International Handbook of Coal Petrography, supplement to the 2^{nd} edition, second print (in English) 1985 US\$30

- ★ International Handbook of Coal Petrography, 2^{nd} supplement to the 2^{nd} edition (in English) 1986 US\$10
- ★ International Handbook of Coal Petrography, 3^{rd} supplement to the 2^{nd} edition (in English) 1993 US\$20

Prices do not include shipping unless stated (approx US\$15 in Europe and outside Europe US\$23 per item) or cost of money transfer.

Orders to

Dr Petra David Netherlands Institute of Applied Geoscience TNO National Geological Survey Department of Geo-Energy P.O. Box 80015 3508 TA Utrecht THE NETHERLANDS

Ph. +31 30 256 4648 Fax +31 30 256 4605 mailto:petra.david@tno.nl

Payment to Dr. Rudolf M. Schwab **ICCP** Treasurer 3 Manor Close, Great Barrow Chester, England CH3 7LP UNITED KINGDOM

Tel.: +44-1829-740 239 Fax: +49-1212-666 500 500 mailto:rudi.schwab@btinternet.com Payment can be accepted by credit card (Mastercard or Visa) or cheque.

Answers to Know Your Coal Petrologist #12 and #13

In future, this new carbonization test will be known as the 'Bieg Shrinkage Test (BST)' in honour of its inventor GERD BIEG (pictured in KYCP #12). However, its use may be limited since one standard Bieg is required for calibration.

Yes, it is difficult but the coal petrologist is on the RIGHT in KYCP #13. ADRIAN HUTTON is seen going head to head in a battle of wits against a worthy opponent. Unfortunately we were unable to locate the mystery adjudicator for an unbiased assessment of the outcome.

ICCP News



Group Photo Key 56th ICCP Budapest 2004

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3	Dr. Walter Pickel	Australia
4	Dr. Lopo Vasconselos	Mozambique
5	Dr. Alan Cook	Australia
6	Dr. Mária Hámor-Vidó	Hungary
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7	Dr. Károly Brezsnyánszky	Hungary
0		(Org. Comm.)
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