

COKE



Resistance

Kerogen



MACERAL



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## 53rd ICCP Meeting København Danmark



Key to group photo can be found on page 4

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International Committee for Coal  
and Organic Petrology (ICCP)

**President**

Dr. Alan C. Cook  
Keiraville Konsultants Pty. Ltd.  
7 Dallas Street, Keiraville, NSW 2500  
AUSTRALIA  
Tel : +61-2-4229 9843 Fax : +61-2-4229 9624  
Email : acc@ozemail.com.au

**Vice-president**

Prof. Dr. Barbara K. Kwiecinska  
email : kwiecin@uci.agh.edu.pl

**General Secretary**

Dr. Petra David  
email : p.david@nitg.tno.nl

**Treasurer**

Dr. Rudolf M. Schwab  
email : rudi@chesternet.co.uk

**Editor**

Dr. Peter J. Crosdale  
email : peter.crosdale@jcu.edu.au

**Commission 1**

**Chair** Dr. Walter Pickel  
email : walter.pickel@syd.dpr.csiro.au

**Secretary** Dr. Deolinda Flores  
email : dflores@fc.up.pt

**Commission 2**

**Chair** Prof. Dr. Wolfgang Kalkreuth  
email : wolfgang.kalkreuth@ufrgs.br

**Secretary** Dr. Maria Ángeles Gómez Borrego  
email : angeles@incar.csic.es

**Commission 3**

**Chair** Dr. Rosa Menéndez  
email : rosmenen@incar.csic.es

**Secretary** Dr. Henrik Ingerman Petersen  
email : hip@geus.dk

**Membership Enquiries**

Please contact the General Secretary

Dr. Petra David  
TNO NITG  
P.O. Box 80015  
3508 TA Utrecht  
THE NETHERLANDS  
Tel : +31-30-256 4648 Fax : +31-30-256 4605  
Email : p.david@nitg.tno.nl

**OR** visit our web site <http://www.iccop.org>

## From the Editor

Firstly, apologies to all members for the lateness of this issue of ICCP News. Some items are now a little out of date and I would especially remind members to log in to the ICCP web site to get the latest information on the next meeting. Despite being late, members will note the continued improvement in ICCP News to give more information about ICCP activities. Of special note is the publication of a summary of the Council meetings.

**Publications** are an important aspect of the life of a scientist or scientific society. The benefits cover many areas such as the dissemination of knowledge, the advancement of the science and the preservation of knowledge for future generations. Publications are also of immediate advantage to an author in that they make the researcher's work known to colleagues and provide some kudos, credibility and recognition for the author.

**ICCP publications** provide for similar recognition of our scientific organisation. Indeed, the objects of ICCP, as defined in the Statutes, state "2 (a) to secure the continuing international exchange of scientific information relating directly or indirectly to organic petrology and (b) to develop and publish definitive descriptions and methods in furtherance of object 2 (a)."

It is unfortunate that much of the work performed over the years by the ICCP has **not been published** and can only be found by meticulous searching through the archives. This has meant a loss to both our science and our organisation as well as requiring current workers to repeat past efforts.

In the past, publication has been expensive and slow. However, newer technologies, such as CD ROMs and high quality laser printing, mean that it is now possible for ICCP to publish much more material in its own right, in both a timely and cost-effective manner.

A landmark publication of the ICCP was the **1963 International Handbook of Coal Petrology (2<sup>nd</sup> Edition)**. Unfortunately this has been unavailable in any language for a number of years as the cost of reprinting has proven to be prohibitive. It is therefore with great pleasure that I can announce that the 1963 Handbook is **again for sale**, this time as a CD ROM. Purchase information can be found under 'ICCP Publications'.

As editor, I have tried extremely hard to have as much ICCP material as possible published in the last year for the reasons outlined above. It is

therefore with regret that I note that a vigorous discussion occurred in the first Plenary Session of the Copenhagen meeting, during my absence, about the number of Newsletters to be published per year and about charging for CD-ROMs from the Combustion and Coke Textures Working Groups for ICCP Members. As a matter of principle, it is clearly not desirable to discuss any issue in the absence of the relevant officer. Despite the discussions in Copenhagen, I believe that most ICCP members welcomed the extra newsletters as well as the new availability of working group results via the medium of CD ROM.

Members should bear in mind that it is a lack of availability of materials from earlier years that have set back progress in some current working groups. This lack of published material has also eroded our prestige and credibility as a scientific society. Publication of **full** results from Working Groups is a highly desirable outcome for ICCP, an outcome which usually cannot be achieved by journal publication.

Cheers, Peter  
ICCP Editor - email Peter.Crosdale@jcu.edu.au



*ICCP members enjoy the field excursion to the chalk cliffs of Møn (Photo : Harold Read)*

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## From the President

### **Copenhagen and beyond**

First it is my sad duty to record the loss of a valued member, Ron Stanton of the USGS. He had just been elected to Full Membership at the Copenhagen meeting. A fuller account of Ron and his contributions appears elsewhere in this Newsletter.

Technically, the Copenhagen meeting was very successful. Socially, all members attending appreciated the opportunity to visit Denmark and its capital and I would like, formally, to record thanks on behalf of ICCP to the Organizing Committee for their excellent work. The dinner was an especially successful function, and members were able to visit the Tivoli Gardens afterwards. I did not go on the field excursion (preparing for the Teichmüller Symposium the next day) but I understand that it too was most successful. Some of the comments made to me after the excursion suggested that the flints surprised many members who had not previously seen chalk sequences. The minutes of the Plenary sessions appear elsewhere in this newsletter.

About the time that members who had attended the Copenhagen started to recover from their return journeys, the WTC attack occurred. I am sure that all ICCP members join me in expressing sympathy to our colleagues from the United States of America.

When this text was first written the after effects of this event were causing major disruptions to travel plans and it was headline news that some sports teams are unwilling to travel. It was also too early to begin to know what the eventual outcome of the current strife will be and some months later this is still the case. However, it is difficult to see that the real levels of danger have risen now that the immediate incidents have passed. It has been noted that you can still do the statistics to show that it is probably more dangerous to travel to the local shops by car, than to undertake international travel by air! I raise this subject in the hope that members will comment (either privately to me, or to the Editor) on how they see the situation. I know that our colleagues in Mozambique and South Africa are working hard to prepare for the next meeting, and I hope that we can all assist in making that meeting a success.

As you know, last year the Editor was able to publish a third issue of the Newsletter in which Agendas for each day of the meeting were published, thus meeting the resolution adopted in 1994 at the Oviedo meeting. There were some small changes in the program, but substantially the meetings were "as advertised" in the Newsletter. And the Commissions, the General Secretary and the Editor are all to be congratulated on the amount of information provided before the event.

Resulting from the publication of the Agendas, a number of members made suggestions or submitted comments and requests that were incorporated into the meetings. We intend to continue the practice of issuing agendas before meetings and encourage contributions. The minutes from the various Commissions cover in detail the progress made in a number of areas. Among the most important are the continuation of the present Accreditation program, progress with a classification of dispersed organic matter, and some progress with additional Accreditation programs. Adding new Accreditation programs will require a great deal of work and remains one of the major challenges for the group. We must strive to make our work more widely accepted outside our own fraternity and Accreditation programs seem a major way (although not the only way) forward to achieve this.

Council discussed a number of issues and a summary of Council minutes are included with those for the closing Plenary Session. The issues discussed included revision of the Statutes and the status of ICCP. If you wish to receive more information on any of these issues you should contact the General Secretary in the first instance. I know that a number of members are anxious in relation to the status of ICCP (whether it should be formalised by registration or remain an informal organization as it the case at present). You can be assured that before any changes are made, the membership will be asked to decide and no actions will be taken without majority approval. The issues are summarised in the Council minutes extracts.

At the Copenhagen meeting, Council was unable to resolve to proceed to the stage of putting the status of ICCP to the Plenary Session at the Copenhagen meeting. This had been the intention of when the agenda papers were prepared for Council. So we have plenty of time before the issue is again discussed at the next meeting of Council. I know that there are some strong opinions out there both for and against, but I do not have a feeling for the balance of opinion. So feedback on this issue would be doubly welcome.

The Copenhagen meeting included a day joint meeting with TSOP where numerous interesting presentations were made of new work. This collaboration with TSOP is greatly welcomed and I look forward to more activities of this type.

On the Sunday immediately following the main ICCP meeting, a symposium was held to

commemorate the life and work of Marlies Teichmüller. A wide range of papers was presented and I wish to thank all the authors for their presentations. I intend that the papers will be made available in the International Journal of Coal Geology.

If you have any questions or comments please contact me at [acc@ozemail.com.au](mailto:acc@ozemail.com.au)

ACC Wednesday, 17 October 2001/12 March 2002

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## Key to Group Photo

- |                          |                             |
|--------------------------|-----------------------------|
| 1 Lisbeth Nielsen        | 33 Nikki Wagner             |
| 2 Lykke Jørgensen        | 34 Lopo Vasconcelos         |
| 3 Kimon Christanis       | 35 Vern Stasiuk             |
| 4 Henrik I. Petersen     | 36 Rafal Morga              |
| 5 Walter Pickel          | 37 Krystyna Tokarska-Schwab |
| 6 Jeff Levine            | 38 Joanna Komorek           |
| 7 Andy Carr              | 39 Heike Eickhoff           |
| 8 John Vleeskens         | 40 Ewa Krzeszowska          |
| 9 Ivana Sýkorová         | 41 Slawomira Pusz           |
| 10 Kees Kommeren         | 42 Zuleika Corrêa da Silva  |
| 11 Peter Crosdale        | 43 Harold Read              |
| 12 Rudi Schwab           | 44 Magdalena Misz           |
| 13 Regina Schäfer        | 45 Benjavun Ratanasthien    |
| 14 Erik Thomsen          | 46 Georgeta Predeanu        |
| 15 Joan Esterle          | 47 Angekila Veith           |
| 16 Lila Gurba            | 48 Cornelia Panaitescu      |
| 17 Manuel Lemos de Sousa | 49 Barbara Kwiecinska       |
| 18 Per Rosenberg         | 50 Petra David              |
| 19 Stavros Kalaitzidis   | 51 Myriam Glickson          |
| 20 Mária Hámor-Vidó      | 52 Maria Marques            |
| 21 Jack Burgess          | 53 Deolinda Flores          |
| 22 Eric Gimber           | 54 Maria Mastalerz          |
| 23 Antonis Bouzinos      | 55 Padmasiri Ranasinghe     |
| 24 Michael Frank         | 56 Cristina Rodrigues       |
| 25 Ed Lester             | 57 Alexandra Guedes         |
| 26 Fedor Ferenc          | 58 Bruno Valentim           |
| 27 Alan Cook             | 59 Krystyna Kruszevska      |
| 28 Wolfgang Kalkreuth    | 60 Isabel Suárez Ruiz       |
| 29 Colin Ward            | 61 Vivien du Cann           |
| 30 Diego Álvarez         | 62 Ángeles Gómez Borrego    |
| 31 Dave Pearson          | 63 Carla Araujo             |
| 32 Jenny Pearson         | 64 Ida Volkova              |

# MINUTES OF THE 53rd MEETING OF THE ICCP COPENHAGEN, DENMARK AUGUST 12-18, 2001

## 1. General course of the Meeting

The 53rd meeting of the ICCP, superbly organized by the Geological Survey of Denmark and Greenland (GEUS), was held at the Geological Institute in the centre of Copenhagen, Denmark from August 12 to 18, 2001. The meeting included a one-day session of oral and poster presentations under the auspices of The Society for Organic Petrology (TSOP). In addition the Marlies Teichmüller Symposium was held on Sunday, 19th August. 54 Members of the ICCP and 15 guests attended the meeting. The participants represented a total of 20 countries (Appendix I).

The Chair of the Organizing Committee Dr. Henrik Petersen welcomed the audience and opened the meeting. Dr. Erik Thomsen, Head of the Department of Reservoir Geology welcomed the ICCP and gave a presentation on the GEUS structure and on the reservoir characteristics of the rocks of Denmark and Greenland. Dr. Per Rosenberg provided general information concerning the meeting.

The General Secretary Dr. Petra David welcomed ICCP members and thanked the Organizing Committee for the great effort in organising the meeting. She thanked the previous General Secretary, Prof. Dr. Zuleika Caretta Correa da Silva, and the previous Editor, Prof. Dr. Monika Wolf, for their valuable contributions to the work of ICCP over many years.

The problem of using multiple languages at the meeting had been raised during the year. The General Secretary therefore encouraged non-native English speaking members and guests to speak in their own language if they feel that they cannot express their contribution in English. She also asked the native speaking people to speak loudly and clearly.

After the opening addresses, the first Plenary Session started under the direction of the President Dr. Alan Cook.

The President asked the members of the Plenary Session to stand in honour for Dr. Marlies Teichmüller and Dr. Alex Cameron, who both passed away in September 2000.

## Apologies

Apologies for absence were received from the following full and associate members:

A. Depers, C. Diessel and G. Taylor (Australia), B. Alpern, F. Laggoun-Defarge and G. Nicolas (France), G. Bieg, J. Koch, R. Wartmann and H.M. Schulz-Fischer (Germany), C. Papanicolaou (Greece), M. Wagner, W. Gabzdyl, G. Nowak, B. Hanak (Poland), E. Pinheiro (South Africa), M.A. Diez and J. Prado (Spain), A.H.V. Smith (UK), B. Cardott and P. Lyons and L.M. Martinez Flotte (USA)

## Accreditation

Certificates were presented to successful participant in the Accreditation Program by the President.

## Minutes of the 52<sup>nd</sup> ICCP meeting, Rio de Janeiro

The President asked the Plenary Session for confirmation of the minutes of the 52nd ICCP Meeting held in Rio de Janeiro, Brazil, August 12-18, 2000. The minutes as published in the ICCP News, but with the following correction, were approved as an accurate record of the meeting.

## 13. Affiliation of ICCP to the United Nations

The prospect of a possible affiliation of ICCP to the Economic and Social Council of the United Nations (ECOSOC) had been raised in the Treasure's Report and was discussed in great detail by the General Assembly during the closing Plenary Session. The Past President and Treasurer, Professor Lemos de Sousa and Dr Schwab, had conducted enquiries at the UN Headquarters in Geneva in November 1999. Full documentation of this issue had subsequently been provided to the President but no further action was taken during the year. The General Assembly concluded that the legal status as an UN-affiliated Non-Governmental Organization would strengthen the international position of the ICCP. The Council was authorized to act in relation to the application. An offer by Professor Kalkreuth to pursue this matter on behalf of the Council was welcomed and unanimously approved.

*Should read :*

## 13. Affiliation of ICCP to the United Nations

The prospect of a possible affiliation of ICCP to the Economic and Social Council of the United Nations (ECOSOC) had been raised in the Treasurer's Report and was discussed in great detail by the General Assembly during the closing Plenary Session. The Past President and Treasurer, Professor Lemos de Sousa and Dr. Schwab, had conducted enquiries at the UN Headquarters in Geneva in November 1999. Full documentation of this issue had subsequently been provided to the President. The President had drawn attention to the requirement in the new rules for ICCP to be formally registered and to the need to present information to the ICCP about the advantages of affiliation, but the Treasurer had not answered these questions. The General Assembly concluded that the legal status as an UN-affiliated Non-Governmental Organization would strengthen the international position of the ICCP. The Council was authorized to act in relation to the application. An offer by Professor Kalkreuth to pursue this matter on behalf of the Council was welcomed and unanimously approved.

The President noted that the application form circulated differed markedly from that circulated at the 1998 meeting and that affiliation would be with ECOSOC. A summary was requested from the Treasurer of the reasons why ICCP should affiliate with ECOSOC or the ways in which ICCP could benefit from such affiliation. It was also noted that ICCP would have to become formally registered. The Treasurer in replying noted that ECOSOC would accept registration with the UK Charities Commission but that this is virtually impossible to achieve for an organisation such as ICCP. The need for formal registration was also discussed briefly in relation to the status of ICCP in running the Accreditation Program

## 2. Future Meetings

The 54th meeting will be held in Moçambique and South Africa, 22 - 29 September 2002, and will be organized by Prof. Lopo Vasconcelos and Dr. Henrique Pinheiro. Prof. Vasconcelos gave a presentation on the forthcoming meeting in Maputo/Pretoria at the closing Plenary Session.

The meeting venue in Maputo (Mozambique) will be the Faculty of Medicine - Universidade Eduardo Mondlane and in Pretoria (South Africa) the CSIR Conference Centre. For more information

see the ICCP website (<http://www.iccop.org>) or contact:

Prof. Dr. Lopo de Sousa e Vasconcelos  
Departamento de Geologia  
Faculdade de Ciências  
Universidade Eduardo Mondlane  
C.P. 257 Maputo  
MOÇAMBIQUE  
Tel.: +258-1-47 5280  
Fax: +258-1-47 5280  
E-mail: [lopo@zebra.uem.mz](mailto:lopo@zebra.uem.mz)

Or

Dr. Henrique.J. Pinheiro  
AfriOre (Pty) Ltd  
P.O. Box 766  
Rivonia 2128  
South Africa  
Tel: + 27 11 803 5909  
Fax: + 27 11 803 5692  
Cell: + 27 82 892 9331  
Email: [ricky.pinheiro@afriore.co.za](mailto:ricky.pinheiro@afriore.co.za)

For 2003, an invitation has been received from Dr. H. Pagnier, Chairman of the XV International Carboniferous-Permian Congress Organizing Committee which will be held in Utrecht, The Netherlands, from 10 to 16 August. Dr. Petra David, who presented a tentative program to the council, will organize the 55th Meeting. For more information see

[www.nitg.tno.nl/eng/55iccp.shtml](http://www.nitg.tno.nl/eng/55iccp.shtml)

An invitation was received from Dr. Karoly Brezsnysky, Director of Geological Institute of Hungary and President of the Hungarian Geological Society to host the 56th ICCP meeting in Budapest, in connection with the 2004 International Geological Congress which is being held in Florence and Vienna. The meeting will be organized by Dr. Mária Hamór-Vidó who presented a tentative program to the council.

For the year 2005 an invitation was received from Dr. Kimon Christanis, University of Patras, Greece.

The schedule for the forthcoming meetings is as follows:

2002 - Maputo, Moçambique and Pretoria,  
South Africa ( September)  
2003 - Utrecht, The Netherlands (August)  
2004 - Budapest, Hungary

### 3. Membership

#### 3.1 Associate Membership

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

Helen **Beath**, Australia  
Nick **Moore**, New Zealand  
Nicolae **Ticleanu**, Romania

#### 3.2 Full Membership

The following Associate Members were elected to Full Membership of the ICCP

Brian **Cardott**, USA (Com.1,2)  
Joachim **Koch**, Germany (Com 1,2)  
Timothy **Moore**, New Zealand (Com. 1,2)  
Jennifer **Pearson**, Canada (Com.3)  
Jeffrey **Quick**, USA (Com. 3)  
Adrian **Reifenstein**, Australia (Com. 1,3)  
Neil **Sherwood**, Australia (Com. 1,2,3)  
Raymond **Smith**, Australia (Com.1,2,3)  
Ronald **Stanton**, USA (Com. 1,2)  
Richard **Sykes**, New Zealand (Com. 1,2)  
Colin **Ward**, Australia (Com. 1,2,3)

#### 3.3 Honorary Membership

The following members were elected to Honorary Membership of ICCP:

Neilly **Bostik**, USA  
Alan **Davis**, USA  
Hans **Hagemann**, Netherlands  
Peter **Hacquebard**, Canada  
Karl **Ottenjann**, Germany  
Javier **Prado**, Spain  
Monika **Wolf**, Germany  
Evamarie **Wolff-Fischer**, Germany

A certificate for Honorary membership was presented by the President and the General Secretary to Dr. Alan Davis. Honorary members not attending the meeting received their certificates by mail.

#### 3.4 Resignations

The following members submitted resignations during the year.

Rene **Munnix**, Belgium  
Manfred **Vliex**, Germany  
Amalia **Jiminez Bautista**, Spain  
Kenneth **Hall**, Australia  
Luís **Nogueira e Sousa**, Portugal

Announcements concerning the membership were followed by a discussion on decreasing new

members of ICCP. It was noted that membership is declining in several other organisations and that it might be a general problem for scientific organisations. Furthermore, coal research is regressing. However some action is needed to encourage young scientists to join ICCP. One possibility would be to increase the membership by shifting the scientific interests of ICCP to other items, such as environmental applications and new techniques. Participation in the annual ICCP meetings could be improved by having a one day session of oral and poster presentations. The possibility of 'Student membership' was discussed.

#### 3.5 Institutional Membership

Following a proposal by the Treasurer, the Council formed a Subcommittee composed of Peter Crosdale, Aivars Depers and David Pearson. The Institutional Membership Subcommittee proposed terms and condition (details of the regulations, including benefits and liabilities for potential members) to the council. It was agreed to use the application form proposed at the Rio meeting.

### 4. Treasurer's Report

The Treasurer of the ICCP, Dr. Rudolf Schwab, presented a Financial Report covering 11 months from 1st August 2000 to 30th June 2001. A summary of the Treasurer's Report is presented in Appendix II. The report together with the relevant financial records has been submitted to the Honorary Auditor, Dr. Alan Davis. The Auditors report is presented in Appendix III.

The Treasurer emphasised that the accreditation account has not been included in the total balance. The Treasurer did not receive any information relating to the accreditation account prior to the meeting, but the financial report of the accreditation account will be attached as supplement to the treasurer's report as soon as the treasurer has received information.

### 5. Editor's Report

A summary of the Editor's Report, as presented to Council, is presented in Appendix IV. The Editor was absent from the opening Plenary Session.

In the absence of the Editor, a discussion took place on the value of a third annual ICCP Newsletter. It was suggested that the third newsletter did not provide any new information. This was strongly disputed because the Newsletter, for the first time, included a detailed meeting

agenda and a summary Council agenda. For this reason, the Copenhagen meeting was the first to conform with the resolution passed at the Oviedo meeting requesting that formal agendas be made available. Furthermore, the Newsletter is one of the most important media of the ICCP to inform members of the activities of ICCP.

The proposal to sell material from Working Groups was criticised by some members. In the ICCP Newsletter an announcement was made that members could buy CD ROMs of the Coke WG and Combustion WG for US \$ 15. It was suggested that previously there have not been charges for material from the WG. It was pointed out that members participating in the working groups would get any material for free. If charges were not made for material from Working Groups this could result in a major increase in the number of participants. It was pointed out that preparation of some of the CDs represented a major input of time from some members and that artificially inflating demand was likely to result in a lower availability of material due to this factor. A majority of members wished not to pay for material from working groups. However, the Plenary Session was not properly constituted when this resolution was proposed as the President was temporarily absent from the meeting. Additionally, the item was discussed in the absence of the Editor.

At a later stage of the meeting, the Editor, Dr. Peter Crosdale who produces and distributes the CD-ROMs explained the reasons for charging for the CD ROMs and provided a detailed costing. He stated that he is not willing to proceed with this activity, if members are not willing to pay for the net expenses of producing a CD-ROM.

## **6. Meetings of the three Commissions**

Reports of the meetings of the Commissions were presented during the final plenary session on August 18, by Walter Pickel (Chairman of Commission 1), Wolfgang Kalkreuth (Chairman of Commission 2) and Henrik Petersen (Secretary of Commission 3). The minutes of the Commissions are presented in Appendices V, VI and VII.

## **7. Report of Council meeting**

The President Dr. Alan Cook summarised the discussions of the council meetings. A summary of Council discussions is attached to these minutes

(Appendix VIII) as indicated by the President to the Plenary Session.

## **8. Elections**

No elections will be held in 2001.

## **9. Award for the best presentation**

A new award was initiated at the meeting in Copenhagen for the best presentation of Working Groups. The Award Committee nominated Dr. Ed Lester for his presentation of the Combustion Working Group and Dr. Lila Gurba for her presentation on the new techniques working group.

## **10. Thiessen Medal**

The Thiessen Medal was awarded this year to Prof. Dr. Manuel Lemos de Sousa. Dr. Alan Davis, on behalf of the Award Committee, read the Laudatio. The Medal was presented by the President. The full text of the Laudatio is published in this issue of ICCP News.

## **11. TSOP/ICCP Session**

A one day TSOP/ICCP session held on Wednesday, August 18th with oral and poster presentation was a great success. Charlie Barker from the USGS, Denver, welcomed the audience. The oral presentations were subdivided into two sessions. 12 oral presentations were given in the session on "Organic petrology applied to petroleum and coalbed methane studies" and 3 oral presentations were given in the session on "Coal characterisation, coal facies and coal utilisation". 19 posters were presented in the late afternoon.

## **12. Field Trip and Social program**

The Icebreaker Party was held in the Geological Institute on Sunday, August 12th from 18.00 - 21.00. The Conference Dinner was held on Wednesday, August 16th at the restaurant "Nimb" situated in the Tivoli Garden. After dinner the participants had the opportunity to visit the various attractions in the Tivoli Gardens.

The excursion took place on a wonderful sunny day. It started with a walk along the 6km long, scenic Cretaceous chalk cliffs on the island of Møn. After a typical Danish Lunch called 'det store kolde bord' with a lot of herrings and other delicious food, a passage grave from the middle neolithic period the mediaeval Fanefjord church with its remarkable frescoes has been visited.

**13. Marlies Teichmüller Symposium**

The Marlies Teichmüller Symposium was held on Sunday, August 19th. The Symposium was opened by the President of ICCP, Dr. Alan Cook. Invited speakers honoured the work of Marlies Teichmüller in various ways. The presentations will be published in special issue of 'The Journal of Coal Geology'.

Utrecht, October 2001

Dr. Petra David

General Secretary

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## Appendix 1

### Registrants

Name	Country	Photo No.
Alan Cook	Australia	27
Peter Crosdale	Australia	11
Joan Esterle	Australia	15
Myriam Glickson	Australia	51
Lila Gurba	Australia	16
Walter Pickel	Australia	5
Padmasiri Ranasinghe	Australia	55
Harold Read	Australia	43
Colin Ward	Australia	29
Carla Araujo	Brazil	63
Zuleika Corrêa da Silva	Brazil	42
Wolfgang Kalkreuth	Brazil	28
Dave Pearson	Canada	31
Jenny Pearson	Canada	32
Vern Stasiuk	Canada	35
Ivana Sýkorová	Czech Republic	9
Jørgen Bojesen-Koefoed	Denmark	n/a
Lykke Jørgensen	Denmark	2
Maria Kloster	Denmark	n/a
Lisbeth Nielsen	Denmark	1
Henrik I. Petersen	Denmark	4
Per Rosenberg	Denmark	18
Erik Thomsen	Denmark	14
Heike Eickhoff	Germany	39
Regina Schäfer	Germany	13
Angekila Veith	Germany	47
Stella Abatzi	Greece	n/a
Antonis Bouzinos	Greece	23
Kimon Christanis	Greece	3

Andreas Jordanidis	Greece	n/a
Stavros Kalaitzidis	Greece	19
Fedor Ferenc	Hungary	26
Mária Hámor-Vidó	Hungary	20
Wan Hasiyah Abdullah	Malaysia	n/a
Lopo Vasconcelos	Mozambique	34
Joanna Komorek	Poland	38
Krystyna Kruszewska	Poland	59
Ewa Krzeszowska	Poland	40
Barbara Kwiecinska	Poland	49
Magdalena Misz	Poland	44
Rafal Morga	Poland	36
Slawomira Pusz	Poland	41
Deolinda Flores	Portugal	53
Alexandra Guedes	Portugal	57
Manuel Lemos de Sousa	Portugal	17
Maria Marques	Portugal	52
Cristina Rodrigues	Portugal	56
Bruno Valentim	Portugal	58
Cornelia Panaitescu	Romania	48
Georgeta Predeanu	Romania	46
Ida Volkova	Russian Federation	64
Vivien du Cann	South Africa	61
Nikki Wagner	South Africa	33
Diego Álvarez	Spain	30
Ángeles Gómez Borrego	Spain	62
Rosa Menéndez	Spain	n/a
Isabel Suárez Ruiz	Spain	60
Benjavun Ratanasthien	Thailand	45
Petra David	The Netherlands	50
Kees Kommeren	The Netherlands	10
John Vleeskens	The Netherlands	8
Andy Carr	United Kingdom	7
Michael Frank	United Kingdom	24
Eric Gimber	United Kingdom	22
Ed Lester	United Kingdom	25
Duncan Murchinson*	United Kingdom	n/a
Rudi Schwab	United Kingdom	12
A. Harold V. Smith*	United Kingdom	n/a
Krystyna Tokarska-Schwab	United Kingdom	37
Charles Barker	USA	n/a
Jack Burgess	USA	21
Alan Davis	USA	n/a
Jeff Levine	USA	6
Maria Mastalerz	USA	54

Total = 77

\* = Teichmüller Symposium only

## Appendix II

### Summary of Treasurer's Report for 2000 - 2001

#### 1. Introduction

This Financial Report covers a period of 11 months from 1st August 2000 to 30th June 2001. Subject of the report are the capital assets and financial transactions which are handled through the two principal accounts of ICCP held in British Pounds Sterling at Lloyds TSB Bank in Newcastle upon Tyne, United Kingdom. The balances also include the sales records for ICCP publications which are dealt with through an ICCP account held in Euros (Netherlands Guilders) at Postbank in Utrecht, The Netherlands.

Not included in the Treasurer's Report are the financial records of the ICCP Accreditation Programme. The activities of this programme have been fiscally detached from the principal ICCP accounts in 1995 during the office of my predecessor. It is operated by the Co-ordinator of the Accreditation Programme at the University of Wollongong, Australia in an accountable way for auditing purposes but independent from the main ICCP accounting system. The account is in Australian dollars.

#### 2. Summary

The accounts again show that the financial position of the ICCP continues to be satisfactory and on the whole is in a healthy state. By comparison with last year, income has been marginally up by £291 whereas expenditure rose sharply by £1,108 (from an exceptionally low level in the year before). In balance, however receipts exceeded expenditure by £1,167 so that cash holdings have increased markedly for the fifth year in succession. With a substantial cash reserve of £23,680 (approximately 35,000 US dollars) on deposit, ICCP can now cope with any financial crisis that it may meet, and there are ample funds for any innovatory developments which the Committee may wish to take to return money to the science.

#### 3. Receipts

(data in British pounds Sterling)

2,240.20	Net Membership Subscriptions
533.34	Net Credit Interest
123.01	Net Handbook sales
11.38	Miscellaneous
<b>2,907.93</b>	<b>Total Receipts</b>

#### 4. Expenditure

(data in British pounds Sterling)

520.27	Commission I: Purchase of two YAG reflectance standards
509.89	Printing, postage and materials for ICCP News No. 22 and No. 23 (there is an outstanding balance for News No. 24)
293.51	Trademarking of ICCP logo: Retainer for trademarking lawyers
177.22	Elsevier Science Ltd: Reprints of Inertinite Classification from Fuel
164.25	Lloyds TSB bank charges
75.64	Miscellaneous
<b>1,740.78</b>	<b>Total Expenditure</b>

#### 5. Summarised Financial Information

(data in British pounds Sterling)

	2000 / 2001	1999 / 2000
<b>Account Balance primo</b>	<b>22,512.90</b>	<b>20,528.10</b>
<i>Add:</i> Receipts	+2,907.93	+2,617.19
<i>Less:</i> Expenditure	<u>-1,740.78</u>	<u>-632.39</u>
Surplus / (Deficit)	<u>+1,167.15</u>	<u>+1,984.80</u>
<b>Account Balance ultimo</b>	<b>23,680.05</b>	22,512.90

The balances exclude respectively £748.12 (1999/2000) and £846.03 (2000/2001) which are exclusively reserved for the ICCP Friendship Scheme. During the year donations of £167.91 were received and £70.00 were spent for sponsorship.

## 6. Comment

### 6.1 Receipts: Subscription Income

Income from membership subscriptions, by far the largest source of ICCP revenue, has been of the same order as in the previous financial year, i.e. £2,240 as compared to £2,131 in 1999/2000. This is a substantial fall from the periods before, viz. £3,134 in 1998/99 and £4,317 in 1997/98. The current dues balance may even appear rather rosier than it is in reality, because at present there is a considerable sum from advanced subscriptions which have been received through the "three year incentive scheme", and there will be no further payments from many members for a further one or two years. The general decline in subscription income over recent years is largely the result of falling membership numbers. As at 30 June 2001 ICCP had 166 members, 25 less than the year before, and 102 down from the peak of 268 members in 1997.

A recurrent problem of the ICCP has always been the seeming impossibility of ensuring that members paid their subscription. During this Financial Year an alteration to article 5(a) of the Statutes, approved by a postal ballot in April 1999, has come into effect. This implies that members who have not paid subscriptions for two or more years shall no longer be considered as members of ICCP and will automatically be removed from the records.

In the explanatory notes attached to my invoice forms I have in recent years repeatedly appealed to members to contact the Treasurer, in strictest confidence, if they had any financial difficulties to pay their dues (which may be due to illness, temporary unemployment, retirement, currency problems etc.). But not a single member has yet responded to this appeal. So we must assume that at least the vast majority of those who are being removed from the membership records have simply lost interest in ICCP, for whatever reason, without making any effort to inform us.

As I have already pointed out in my two previous reports, the implementation of Institutional Membership, which has been endorsed in the Statutes since April 1999, could provide a considerable boost to ICCP subscription income. At the Rio de Janeiro Meeting a Steering Committee has been set up to determine details of the regulations and compile an information / advertising package. A report of the Steering Committee has not yet been received, and at this

stage it is therefore not possible for the Treasurer to propose to the General Assembly a realistic figure for the institutional subscription fees. A revised fee structure for the Accreditation Programme, which as I understand is under consideration will also need to be taken into account but no specific information has yet been provided.

### 6.2 Receipts: Income from Capital Interest

Income from capital interest, once a major source of ICCP revenue, attributed with about 20% to total income. The times when net interest more than matched our total annual subscription income are long gone. Interest rates in the United Kingdom are low, as they are worldwide. We are currently receiving 3.45% interest on the Premier Business Account. 20 % tax is deducted at source, so that the net yield is no more than 2.76%. But although interest income is small by comparison, it is nevertheless a stabilising factor which constitutes the equivalent of about 25 nominal membership subscriptions.

### 6.3 Expenditure

Major items of expenditure relate to the printing and postage of ICCP News, the purchase of two YAG reflectance standards by Commission I in connection with standardisation work and an advance payment for lawyers fees related to registering the ICCP logo as a trademark. The actual cost of producing the newsletter during the reporting period has been considerably higher, but expenses for a third issue have not yet been submitted and must be accounted for in the next financial year. Operating costs of the ICCP continue to be relatively low, and I have not received any claims from Secretaries of the Commissions.

As in the previous year, the ICCP Homepage has been wholly sponsored by Pearson & Associates Ltd. The proportion of members with e-mail addresses has risen sharply during the year and now stands at 90% (150 out of 166 members), including virtually all active members. In view of this rapid development the complementary roles of Homepage and Newsletter should be reconsidered in order to optimise and coordinate the flow and accessibility of information. From a Treasurer's point of view, there is of course a straightforward conclusion: Printing and postage are expensive, whereas making the best use of the substantial advantages which the Homepage can offer is literally gratis!

## 6.4 ICCP Handbook

For particular reasons the Handbook administrator had not been able to provide accounts for the previous financial year as at 31.07.00 so that the transactions are included in this year's report. Sales of the ICCP Handbook Supplements have been sluggish to say the least, amounting to £123 for a two years period (£45 in 2000/2001). So basically the Handbook account is rather inactive and it seems that quite clearly a "saturation" level has been reached for Handbook Supplements.

The second (1963) edition of the Handbook itself is obsolete, and the reprints are sold out since well over ten years. There is clearly an urgent need to finalise the new, 3rd edition. The debate about contents and publishing formats has been going on since many years, but a definite policy in relation to the Handbook has yet to be developed and approved. Whatever the outcome of the deliberations may be, there can be no doubt that publishing a new Handbook would represent a major financial challenge, almost certainly the most costly task to be undertaken by ICCP for many years to come.

My predecessor as Treasurer, Duncan Murchison, who edited and dealt with the production of previous Handbook issues for many years, has repeatedly emphasized that balancing income and expenditure for such projects is extremely difficult and risky, particularly because all expenditure is "up front" and the income is expected to come in over a number of years. "Something can easily go wrong on the income side."

## 7. Longer term trend of ICCP Financial Position

An intrinsic peculiarity of the financial position of ICCP has always been that there was never a longer lasting period of stability. Looking back at the ups and downs over the last 16 years, the ICCP bank balance had reached a zenith of £26,288 in 1991. This was at the end of a period in which ICCP "made money" because of high interest earnings which were of the same order or higher as subscription income. The situation was compounded because ICCP relied heavily on a substantial number of organisations, especially in Europe, to subsidise its activities providing 'hidden' finance to the ICCP.

These prosperous years were succeeded by a period in which assets fell rapidly and progressively by 45% to a low of £14,458 in 1996. Although

there were still substantial reserves, they were diminishing quickly. Major factors in the decline had been a significant decrease in interest income and rise in expenditure. The former was a result of a period of low interest rates that still obtains, and the latter can be traced to escalating day-to-day administration costs. The traditional industry backing for ICCP has all but disappeared.

A wide range of cost-saving measures, mainly targeted at cutting down excessive administrative expenses were introduced in 1997 and 1998 and approved at the Porto Meeting (see ICCP News No.18). Their implementation meant that ICCP finances have since returned to a healthy state and moved from deficit to surplus. The perturbing downwards trend of the 1991-1996 episode could not only be brought to a halt but was reversed, and over the past five years there has been a continued accumulation of funds to £23,680.

## 8. Conclusion

There are now sufficient reserves to cope with any financial crisis that the ICCP may meet. At the same time there are ample funds for any innovatory developments that the Committee may wish to take. The current state of affairs is not too dissimilar from the situation ten years ago, when my predecessor Duncan Murchison wrote in his Treasurer's Report "There ought to be a general policy discussion within the ICCP on the topic of why a scientific committee continues to make large increases in its capital without (apparently) having any rational plan to return the accrued monies back into our science."

This does not mean that there is any room for a complacent approach to the finances of ICCP. My major concern remains to be the continuing decline in membership numbers, which will also quite unavoidably lead to lower levels of income in forthcoming years. So we must be vigilant not to repeat the mistakes of the past and make sure that activities are within budget and that day-to-day expenditure will not be allowed to exceed income, without risking to adversely affect the scientific work of ICCP.

Chester, England 31st July 2001

Dr. Rudolf M. Schwab  
Honorary Treasurer

## Appendix: Receipts, Expenditure and Capital Assets 1985 - 2001

Financial Year	Period			Breakdown of Receipts				Cash flow		Balance	
	Duration [month]	Date primo	Date ultimo	Membership Subscriptions	Net Credit Interest	Handbook Sales	Miscellaneous	Total Receipts	Total Expenditure	Surplus/ Deficit	Balance ultimo
1984-1985			12.09.85								13,479.80
1985-1986	11½	13.09.85	29.08.86	1,621.12	1,513.11	656.74	0.00	3,790.97	1,932.25	1,858.72	15,338.52
1986-1987	12	30.08.86	29.08.87	2,442.20	1,010.27	489.59	0.00	3,942.06	2,452.31	1,489.75	16,828.27
1987-1988	12	30.08.87	22.08.88	520.00	1,231.59	373.69	0.00	2,125.28	1,082.69	1,042.59	17,870.86
1988-1990	17	23.08.88	31.01.90	2,725.89	3,674.64	376.12	0.00	6,776.65	982.17	5,794.48	23,665.34
1990-1991	18½	01.02.90	14.08.91	1,173.26	3,156.46	113.85	0.00	4,443.57	1,820.58	2,622.99	26,228.33
1991-1992	10½	15.08.91	30.06.92	1,114.08	1,169.33	0.00	0.00	2,283.41	2,618.62	<b>-335.21</b>	25,953.12
1992-1993	13½	01.07.92	10.08.93	1,782.60	1,074.08	0.00	0.00	2,856.68	5,192.62	<b>-2,335.94</b>	23,617.18
1993-1994	11½	11.08.93	23.08.94	625.03	441.31	357.97	0.00	1,424.31	4,779.92	<b>-3,355.61</b>	20,261.57
1994-1995	11	24.08.94	31.07.95	627.67	421.56	0.00	0.00	1,049.23	3,217.09	<b>-2,167.86</b>	18,093.71
1995-1996	13	01.08.95	30.08.96	1,808.91	484.44	0.00	0.00	2,293.35	5,928.68	<b>-3,635.33</b>	14,458.38
1996-1997	13½	31.08.96	13.10.97	4,322.22	505.34	0.00	0.00	4,827.56	2,886.56	1,941.00	16,399.38
1997-1998	10½	14.10.97	31.08.98	4,317.01	519.56	51.49	0.00	4,985.00	3,447.39	1,537.61	17,936.99
1998-1999	12	01.09.98	31.08.99	3,134.35	506.05	233.62	1,502.98	5,339.52	2,748.41	2,591.11	20,528.10
1999-2000	11	01.09.99	31.07.00	2,131.33	485.86	0.00	0.00	2,617.19	632.39	1,984.80	22,512.90
2000-2001	11	01.08.00	30.06.01	2,240.20	533.34	123.01	11.38	2,907.93	1,740.78	1,167.15	23,860.05

Data in British pounds Sterling; 1 pound = approx. 1.5 US dollar

## Appendix III

### Honorary Auditor's Report 1999 - 2000

To the Members of the International Committee for Coal and Organic Petrology

I have audited the balance sheets and the related financial records and bank statements of the ICCP covering the period September 1, 1999 to July 31, 2000. These financial statements are the responsibility of the Honorary Treasurer of the ICCP. My responsibility is to express an opinion on these financial statements based on my audit.

I conducted my audit in accordance with what I judge to be an acceptable auditing standard. I planned and performed the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used by the Treasurer, as well as evaluating the overall financial statement presentation. I believe that my audit provides a reasonable basis for my opinion.

The accounts submitted for audit did not include details of the account which is independently maintained for the ICCP's Accreditation program. Nor, due to the special circumstances outlined in the Treasurer's report, did it include details of the Handbook account for the financial year.

In my opinion, except for the exclusion of balances referred to in the previous paragraph, the financial statements referred to above present fairly, in all material aspects, the financial position of the ICCP as of July 31, 2000, and its cash flows for the period examined then ended in conformity with reasonable accounting principles.

Some recommendations can be offered with a regard to improving the usefulness to members of future financial records. In my opinion the finances of the Accreditation program should be included in the Treasurer's report. Currently, the Treasurer's report gives the net receipts from subscriptions after bank charges. It would be informative for members to see the gross subscription receipts.

Note should be made of the typographical error in the dates given for the 1997-1998 financial year balance of the Handbook account.

Alan Davis ddu@psu.edu  
Emeritus Professor of Geology, Penn State  
University  
726 Walnut Spring Lane  
State College, PA 16801

## **Honorary Auditor's Report 2000 - 2001**

To the Members of the International Committee for Coal and Organic Petrology.

I have audited the balance sheets and the related financial records and bank statements of the ICCP covering the period August 1, 2000 to June 30, 2001. These financial statements are the responsibility of the Honorary Treasurer of the ICCP. My responsibility is to express an opinion on these financial statements based on my audit. Members should be aware that my examination does not have the status of an audit performed by an external Chartered Accountant.

I conducted my audit in accordance with what I judge to be an acceptable auditing standard. I planned and performed the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used by the Treasurer, as well as evaluating the overall financial statement presentation. I believe that my audit provides a reasonable basis for my opinion.

The accounts submitted for audit did not include details of the account which is independently maintained for the ICCP Accreditation program.

Due to special circumstances, no audit was conducted for the previous financial year's Handbook account. As a consequence, the opening balance in the Handbook account for the previous year was taken as the opening balance for the current financial year.

In my opinion, except for the exclusion of the finances of the Accreditation program, the financial statements referred to above present fairly, in all material aspects, the financial position of ICCP as of June 30, 2001, and its cash flows for the period examined then ended in conformity with reasonable accounting principles.

Alan Davis, ICCP Honorary Auditor  
August 14, 2001



*Henrik Ingermann Petersen (left), Mick Frank and Dave Pearson (right) discuss the use of alternative fuels in the middle neolithic passage grave during the field excursion (Photo : Harold Read)*

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## **Appendix IV**

### **Editor's Summary Report 2000-2001**

The following is a summary of major points of the full report tabled to Council.

#### **1. Achievements during 2000-2001**

- 1.1 Publication of 3 issues of ICCP News (Nos. 22, 23 and 24) totalling 56 pages.
- 1.2 Publication of a membership directory totalling 20 pages.
- 1.3 Total publication and distribution costs in the 2000 - 2001 FY of \$1342.20AUD for ICCP News Nos 22 and 23 and the membership directory, which is around 20% less than the total costs of ICCP News Nos 18 and 19 (1999 - 28 pages in total) for which the latest breakdowns are available. The cost of ICCP News No.24 of \$511.91AUD will occur in the 2001 - 2002 FY.
- 1.4 Changes to ICCP News include the allocation of ISSN numbers, introduction of advertising and availability as a web copy. It is hoped for a gradual migration to web base with greater availability of colour and web links.

1.5 Publication of 2 CD ROMs, one from each of the Coke Texture and Combustion Working Groups

## 2. Proposals for 2001-2002

2.1 Continuation of the three issue policy per year of ICCP News

2.2 Production of a membership directory

2.3 Production of the 1963 2nd Edition of the handbook as a CD ROM

2.4 Estimated costs for 3 issues of ICCP News and a membership directory of \$2617AUD, of which \$710AUD has been estimated for the membership directory as compared to \$52AUD in 2000.

## 3. Other issues of importance

3.1 Copyright and a new Handbook edition. In preparing for a new edition of the handbook, it became clear that ICCP has lost copyright over the vitrinite and inertinite sheet due to prior publication in Fuel. Elsevier has granted permission to reproduce this material in a new handbook edition but a number of issues remain outstanding.

3.2 Implications of loss of control of copyright

3.2.1 Elsevier have retained the rights for publication in languages other than English

3.2.2 Elsevier have retained the rights for publication in electronic forms

3.2.3 It is unclear how copyright loss will affect the ability of ICCP to make minor alterations and amendments in the future

3.2.4 Elsevier wishes for us to publish first in Elsevier journals and not in ICCP News or similar, affecting our ability to disseminate information amongst the membership.

3.3 Statutes. In examining the Statutes with a view to including them with the Membership Directory, it became clear that there were a number of inconsistencies. Detailed documents have been distributed to all council members outlining these inconsistencies and proposals put forward to rectify them. Some of these documents have been examined in detail by expert legal counsel and opinions given. The Statutes are dealt with elsewhere.

# Appendix V

## MINUTES OF COMMISSION I 53rd ICCP MEETING Copenhagen, 14 and 16/08/2001

Chair: Walter Pickel, Secretary: Deolinda Flores

### Opening remarks

Commission I meeting was held on Tuesday all day and Thursday morning and attended by 30 and 31 members and 13 and 11 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
- New ICCP Reflectance Standard
- Standardization Working Group
- Review of new methodologies and techniques in Organic Petrology
- Temporal variation of coal
- Handbook Editorial Groups
- Samples Preparation Techniques

In the Com. 1 activities were also included a presentation made by Ferenc Fendor, entitled "*Statistical analysis of collotelinite reflectance data - a new approach*". Alan Cook and M.J. Lemos de Sousa summarised the recent developments on the ISO and ECE-UN Coal Classifications.

### Accreditation Programme - Aivars Depers

A report from the convener was presented by Walter Pickel summarising the 2000 Exercise and the arrangement for the 2001 Exercise, the evaluation of the present problems of this WG and proposals for the future.

In the 2000 exercise 55 petrologists had registered of which 50 completed the required analysis and 2 of them used automated or image analysis systems. The certificates awarded correspond to 19 Re-accreditation, 17 Full accreditation and 14 Provisional accreditation. The certificate numbers were emailed to the awarded analysts in February 2001 and the certificates were presented in the Plenary Session by the president of the ICCP to those that attended the meeting or sent by post to the others.

The 2001 Exercise is in progress and there has been some early interest. The samples are ready and 2 new coals were included in the "coal bank". The

samples and instructions will be sent in September and the results will be expected in December.

It was decided that for future exercises no distinction between provisional and full accreditation is required and analysts, who complete the initial set of analysis successfully will be fully accredited.

The new price structure of the accreditation scheme, as presented at the last year's meeting was accepted by the commission with the alteration, that students can be accredited initially for 30 US \$ but can not be re-accredited for a reduced price. This price structure is valid for the 2001 accreditation exercise. The new prices are as follows:

	Initial accreditation	re-accreditation
ICCP members	80 US \$	50 US \$
Non ICCP members	150 US \$	100 US \$
Students	30 US \$	

New sample material is required for further exercises (approx. 5 kg each). Wolfgang Kalkreuth offered to supply a Permian coal sample from Brazil.

Due to difficulties and high overheads at the University of Wollongong it was proposed and accepted that Aivars Depers opens an ICCP Accreditation bank account independently from the University.

After a discussion about the necessity of an indemnity insurance for the accreditation scheme it was decided that legal advice is sought in this matter and further decisions will subsequently be made.

### **New ICCP Reflectance Standard - Walter Pickel and Dave Pearson**

Walter Pickel reported that following a decision of the previous meeting he purchased on behalf of the ICCP two reflectance standards (Klein&Becker, YAG, R=0.89) and calibrated them against the results of the standard round robin. The standards will be made available to interested laboratories for a rent of USD 50 (plus postage and a bond of USD 500 covering the price of the standard). On request the decision was modified in so far that the service is free for ICCP members. It is understood that occurring costs will be covered by the ICCP. For an initial phase, one standard will be sent out on

request, the conveners will keep the other and analysts/laboratories are asked to send one of their standards in to get them calibrated.

### **Standardization Working Group - Harold Read**

Last year started a Round Robin (RIC 2000) to be conducted on a coal sample (Australian medium volatile bituminous) to perform detailed maceral analysis and vitrinite random and maximum reflectance determinations, with the following main objectives:

- i) verification of the new vitrinite, inertinite and liptinite classifications; and,
- ii) assist ISO in the revision of the ISO standards methods.

Five analysts performed the exercise and though the number of participants was low, it was obvious that there is a problem with the distinction between fusinite and semi-fusinite. To further investigate this problem it was decided that a new sample would be sent next year. 25 members enrolled in this new exercise at the meeting. Analysts interested to participate, please contact Harold Read.

### **Review of new methodologies and techniques in Organic Petrology - Lila Gurba and Regina Schäfer**

Within this working group, founded last year at the 52nd ICCP Meeting, Lila Gurba has presented a white paper. The white paper dedicated to the memory of Marlies Teichmüller and Alex Cameron, included extended abstracts of the two presentations that were given last year by Walter Pickel and Lavern Stasiuk and three presentations that were given by three invited speakers at this meeting in Copenhagen. Two additional papers were added to the volume. The content of the white paper is as follows:

- Introduction (Lila Gurba)
- Laser Microscopy - FAMM (W. Pickel, R. Wilkins, C. Buckingham, M. Faiz, M. Kurusingal, N. Russel and N. Sherwood)
- Confocal laser scanning fluorescence microscopy - Summary (L. Stasiuk)
- Quantitative mineralogical analysis of coal using advanced X-ray diffraction techniques (C.R. Ward)
- Investigation on the organic/mineral matter association and distribution in coal using Colour Image Analysis (P. David, H. Veld, K. Reimer and C.Raab)

- Transmission electron microscopy (TEM), supplements Organic Petrology (M. Glikson)
- Application of reflectance micro-Fourier Transform Infrared (FTIR) analysis to the study of the coal macerals (M. Mastalersz)
- Application of small Angle Neutron Scattering Angle X-ray scattering to Organic Petrology (A.P. Radlinski).

It was decided to publish the white paper as an ICCP CD-ROM and make it available on the ICCP web site.

Temporal variation of coal - Lopo Vasconcelos  
A report on the first year activities was presented by the Convener. After a request from the Convener, he collected data sent by Mick Frank (Mesozoic coals from North America), I. Sýkorová (Holocene peats, Tertiary lignites, Paleozoic bituminous coals from Czech Republic and Central Europe), W. Pickel (Pennstate Data Coal Bank) and the Convener himself assembled data from South Africa, Mozambique, Zimbabwe and Brazil.

Some problems were discussed concerning the vitrinite macerals nomenclature as the literature available uses old and new terms and the same happened for sclerotinite versus secretinite / funginite.

Activities for the next year will include the homogenisation of the data tables layout, complete blank fields of data tables collected until now, find more participants to the working group and concentrate the search in Paleozoic coals. The USGS Coal Quality Database was brought to Lopo's attention.

### **Handbook Editorial Groups - Peter Crosdale and Walter Pickel**

A first issues that were discussed concerned the need to publish the new handbook with everything compiled prior to publishing and the problems with the copyrights of Elsevier on the vitrinite and inertinite classifications published in Fuel. The copyright problem will be followed on by Peter and Walter with Elsevier. Possible options discussed, were to publish every ICCP release related to the handbook prior to further publication in the ICCP Newsletter or to publish the complete handbook with Elsevier.

Peter Crosdale presented a first, nearly completed, version the 1963 Handbook in a CD interactive form that will be available in September or October. His effort was considered as exceptional and the result as brilliant. There are no

more hardcopies of second edition in stock. A discussion took place regarding the CD prices. No formal decision was made in the meeting.

In the future, draft sheets for the handbook will be placed on the ICCP web site for final comments and discussion. These comments will be taken into consideration and the final version will be presented to Commission 1 and the general assembly for final approval.

The members are urgently asked to supply appropriate photographs for the various sheets. It was noted that under no circumstances the author will lose his/her copyright without being asked. Walter Pickel presented a proposal for the new ICCP Handbook structure as well as the present situation of each item included, as follows:

### **Handbook Structure**

#### **Coal - Definition**

#### **Kerogen - Definition**

#### **Maceral**

#### **Rank / Coalification**

**Vitrinite** - published in Fuel

**Inertinite** - published in Fuel

**Liptinite** - apart from missing photographs ready and approved by ICCP

**Huminitite/Vitrinite** - in progress, huminitite approved in Bucharest

**Microlithotypes** - ready and approved by ICCP

**Carbominerites** - ready and approved by ICCP

**Brown Coal Lithotypes** - published in the last handbook supplement

**Hard Coal Lithotypes** - in progress

### **Methods:**

Maceral analysis

Reflectance analysis

Fluorescence analysis (I+II) - ready and approved by ICCP

Sample preparation - in progress

Automation

### **Other Methods:**

New methodologies - in progress

### **Other Terms:**

Graphite, semi-graphite - in progress, partly approved

Natural coke

Natural char - in progress

Pyrolytic carbon - in progress  
 Bitumens - in progress  
 Oxidation - in progress

It was also discussed that in the item 'Sample preparation', a sheet on methods to prepare thin sections could be added as a transmitted light nomenclature is included in the 1963 Handbook edition.

**Graphite, semi-graphite, natural coke - Barbara Kwiecinska**

The final draft on 'graphite' was discussed in detail in the commission and editorial changes applied. Except from the paragraph 'practical importance' the sheet is now finalised. The graphite as well as the semi-graphite and the natural coke sheet will be placed on the ICCP website for further comments and will be presented for final approval at the next meeting. Comments are due by March 2002.

**Natural Char, Pyrolytic Carbon and Oxidation** will also be placed on the web-site for further comments.

**Carbominerites and Microlithotypes** were approved last year but still need smaller editorial changes and microphotographs.

**Liptinite** will be on the web page after the meeting. Final editorial remarks are due by December 31, 2001. [eds note: due to the lateness of the newsletter, this deadline is now extended to April 30, 2002]

liptinite <sup>1)</sup>	cutinite	
	suberinite	
	sporinite	
	resinite	
	exsudatinitite	
	chlorophyllinitite	
	alginite	telalginite
	bituminite	lamalginite
liptodetrinitite		

1)Not part of the classification:  
 fluorinitite ( now a variety of resinitite)  
 colloresinitite  
 mineral-bituminous groundmass

**Huminitite**

Some discussion took place if the huminitite classification should or not be separated from the vitrinite classification. However, Ivana Sýkorová pointed out that a final version of the huminitite sheet had already been presented, by her, at the Bucharest meeting. In this way, the editorial group (I.Sýkorová, Kimon Christanis, Walter Pickel and Harold Read) will add final amendments and changes and place a final version on the web page for comments. The sheets will be presented at the next meeting for approval. The problem of the two classifications will be discussed in the editorial group and a proposal is expected to be presented at the next meeting.

**Bitumens**

Jack Burgess presented a summary of bitumen classification/definition possibilities, based on solubility, reflectance, chemistry and considers a classification based predominantly on reflectances as the best option. The presentation was mainly based on an excellent compilation by Jeff Quick.

**Hard Coal Lithotypes**

No presentation was given at this meeting. The editorial group (Gerd Bieg, Peter Crosdale, Regina Schaefer, Walter Pickel) will work on the last year's proposal towards the next meeting. Maria Mastalerz remarked that there are a few geologists with experience in coal mining and in lithotypes that could join the group and contribute with their knowledge.

**Samples Preparation Techniques - David Pearson**

This is a new working group initiated at the previous meeting by David Pearson. Dave gave a presentation describing the procedures on sample preparation techniques used in his lab, using Lucite (Lucite method), which permits to prepare pellets in 20 minutes. The Convener discussed the benefits (very quick, no mess, and used for more than two decades) and the problems (not matching the standards as temperature is up to 200 degrees C). The activity proposed for this working group is a comparison of current samples preparation techniques by the members of the working group and to determine whether they can find significant differences in reflectance (R<sub>r</sub> and R<sub>max</sub>) and maceral composition.

Samples can be sent to Dave for preparation. In return he expects to receive results from as same sample as prepared by the sender.

Maria Mastalersz pointed out that she uses the lucite methods on peats and all rank coals since years without any significant change of optical properties. Differences on reflectance like 0.02 on lignites and 0.01 for the other coals were found and this is within the precision of the methods. However, she uses a temperature of 100°C instead of 200°C as utilised by D. Pearson.

### **Presentations**

*"Statistical analysis of collotelinite reflectance data - a new approach"* - Ferenc Fedor

Ferenc Fedor presented the results of his studies on statistical analysis of collotelinite reflectance on Hungarian coals and DOM materials. This presentation covered the normality analysis and statistical distribution analysis of reflectance data, and the application of "new" parameters for DOM samples with little element number range from 10 to 30 elements. The normality analysis and statistical distribution analysis permits to deduce the quality of a data set from the statistical average (mean) and standard deviation.

A summary of his presentation will be placed on the commission's web page.

### **Coal Classification and related matters - Alan Cook and M.J. Lemos de Sousa**

Alan Cook and M.J. Lemos de Sousa informed the ICCP about the recent developments on the scope of Coal Classification and related matters.

Alan Cook provided information regarding the ISO/TC 27/WG18 project and ISO Coal Classification. The Final Report of the Convener of WG18 will be present to the ISO/TC27 Plenary Session in Poland, next September and the document will circulate in "CD" ISO Standard format to the ISO member countries for appreciation.

M. J. Lemos de Sousa provided information regarding the United Nations-Economic Commission for Europe recent published systems for Coal Codification and Classification. Details were provided regarding the system entitled "International Classification of In-Seam Coals" and the application of this system to the calculation of Coal Resources and Reserves through the "UN International Framework Classification for

Reserves/Resources - Solid Fuels and Mineral Commodities".

The addresses of all conveners are available from the recent ICCP directory. However, if you want to get in contact with any convener and do not have their address details available, please contact:

Dr. Walter PICKEL  
CSIRO Petroleum  
PO Box 136  
North Ryde, NSW 1670  
AUSTRALIA  
Tel : +61-2-9490 8896  
+61-0410 418 756 (mobile)  
Fax : +61-2-9490 8921  
Email : walter.pickel@syd.dpr.csiro.au

or:

Dr. Deolinda FLORES  
Departamento de Geologia  
Faculdade de Ciências do Porto  
Praça de Gomes Teixeira  
4099-002 Porto  
PORTUGAL  
Tel : +351-22-340 1463  
Fax : +351-22-332 5937  
+351-22-205 6456  
Email : dflores@fc.up.pt



*Per Rosenberg being the perfect host to Ángeles Gómez Borrego (left) and Petra David at the restaurant Nimb during the official dinner (Photo : Wolfgang Kalkreuth)*

## Appendix VI

### Minutes of Commission II

Chairperson: Wolfgang Kalkreuth  
Secretary: Angeles Gómez Borrego

Commission II activities started on **Thursday, August 16** at 11.30 and were attended by 22 Commission II members and 6 guests. During this day the activities of the following WGs. were discussed:

#### **Environmental Applications of Organic Petrology ( M. Mastalerz)**

The new convenor of the W.G. reported on the activities since the last Meeting in Rio de Janeiro, which consisted of a) updating the bibliography, b) a new proposal for the classification of anthropogenic organic matter.

The bibliography is based on the list previously compiled by A. Depers with several additions from J. Crelling, J. Hower, M. Glikson, P.K. Mukhopadhyay and M. Mastalerz. The list is available from the convenor and members of ICCP are urged to submit additional references to this list and/or suggestions to improve the format of the bibliography, which for example could include listing the large number of references according to topics.

The new classification system presented at the meeting differed from the previous proposal made by A. Depers and J. Bailey and included four groups on the basis of genetically linked materials:

- i) Mining-derived material such as coal;
- ii) Combustion- derived material including fly-ash and boiler slag/bottom ash covering both organic and inorganic fractions;
- iii) Carbonisation-derived material such as various coke forms, pyrolytic carbons and tar.
- iv) Manufactured-derived material such as graphite, rubber and carbon fibres.

The classification as proposed includes only anthropogenic-derived material and not biogenic components, which are not related to human activity. It is constructed in such a way that it is applicable for particles in air, water and sediments. The classification aims to be easy to apply in microscopy studies and includes genetic aspects whenever possible.

For the next year the convenor plans to prepare a Round Robin exercise based on CD images to evaluate the applicability of the proposed classification.

The membership list of the WG needs to be updated and members are asked to contact Maria Mastalerz if interested to participate in the activities of this group.

#### **Coal Facies (M. Hámor-Vidó)**

The convenor summarised the activities of the WG. since 1997. During the last year, additional material was received on Eastern USA coals (Carboniferous in age), which adds substantial information on the previously presented white paper on coal facies and organic petrology. This material is currently being compiled. The convenor informed that the International Journal of Coal Geology is prepared to publish the white book once it has been finalised. The most likely format will include a general introduction by the convenor followed by the contributions of the individual authors.

#### **Coalbed Methane (P. Crosdale and L. Gurba)**

The convenor reported that 22 members of the WG were contacted over the past year to make proposals as to the type of work to be done. The response was disappointing since only two members responded. In the following discussion it became clear that although there is need for further work on standardisation of isotherm experiments, only two ICCP members have the facilities to run these experiments. It was suggested from the audience to include petrographic aspects within the aim of the WG. In subsequent discussions with the Commission Chair, it was decided that Lila Gurba would co-convene the CBM WG and both convenors agreed to prepare a proposal, which would link the isotherm experimentation to coal properties.

#### ***In-situ* analysis of coal macerals, electron microprobe (L. Gurba and M. Mastalerz)**

Background information on the application of electron microprobe analysis in coal research was presented by L. Gurba followed by a discussion on a round robin exercise carried out by two laboratories in 2000-2001. This exercise consisted of microprobe analysis of a high volatile bituminous coal and an anthracite, which showed a very good agreement between the results of the laboratories carrying out the exercise. The data also

compared favourably with those obtained using ASTM standard procedures.

For the forthcoming year, it was suggested to further test standards for C and O determination.

At the present time the analytical work is done by two laboratories only and ICCP members are encouraged to participate in this new working group either by exploring the possibilities to run the experiments at their respective facilities or by suggesting areas in which microprobe analysis could contribute to resolve petrographic problems.

### **Reflectance Data Qualifying System (A. Gómez Borrego)**

The chairman of Commission II presented the qualifying system proposed by J. Koch for determining the reliability of mean  $R_r$  and/or  $R_{max}$  in dispersed organic matter (DOM). The system is based on evaluation of the surface structure and texture of vitrinite particles and their size. The scale for evaluation ranges from 1 (very good) to 5 (very bad). This coding for surface evaluation is then combined with the number of measurements and statistical parameters (standard deviation and variation coefficient) to yield a qualifier coding for the results ranging from 1 (very high reliability) to 5 (very low). Additional qualifiers include information that reflectance level was deduced from migrabitumen and/or palynomorph fluorescence.

During the past year it became clear that J. Koch will not be able to continue as convenor and A. Gómez Borrego volunteered at this meeting to head the WG. As a first step it was suggested to prepare a round robin exercise based on CD images of vitrinite from different kerogen types and maturity levels to check the applicability of the qualifying system. Please contact the convenor if you want to participate in the round robin exercise.

It is hoped that once the qualifying system is established, ICCP can embark on an accreditation program for DOM similar to the one which exists for coal.

Commission II activities continued on **Friday, August 17** at 9.00 and were attended by 22 Commission II members and 8 guests. During this day the activities of the following WGs. were discussed:

### **Classification of DOM (A. Hutton, L. Stasiuk, J. Burgess)**

During the last ICCP Meeting in Rio de Janeiro a ICCP/TSOP classification proposal for DOM was discussed. The system included 4 columns established according to type of sample preparation (whole rock, kerogen, strewn mount) and observation conditions (transmitted/reflected, white/fluorescence light). A slightly modified and simplified classification system was presented at this meeting that included suggestions made at the last TSOP meeting in Bloomington, Indiana, with major input by B. Cadott and C. Thompson-Rizer.

The following discussion focused on:

- i) if reworked coal particles should be counted as a whole or should the individual maceral within the reworked coal particle be counted and assigned to the appropriate maceral group;
- ii) it was suggested to carry over the term alginite including lamalginite and telalginite from the reflected light columns to the strewn slide column, since these macerals can also be distinguished in strewn slides using incident light fluorescence mode;
- iii) the term fluorinite should be deleted since it is no longer considered in the revised ICCP liptinite classification
- iv) the term exsudatinitite should be removed from the liptinite group. When observed it should be counted as part of solid bitumen within the secondary products group
- v) the term amorphinite will be adopted for bacterial and algal derived structureless material with the term bituminite being also used for a transitional period.

The DOM classification will be discussed one more time at the upcoming TSOP meeting in Houston (Texas), will be distributed to ICCP members of the WG and will be finalised before next years ICCP meeting.

A CD ROM atlas will be prepared by L. Stasiuk including typical examples of all components recognised in the classification. Members are encouraged to contribute with images to the atlas.

The last item was a discussion on a draft text entitled "The petrology of dispersed organic matter (DOM) in sedimentary rocks" prepared in 1997 with contributions by Gómez, Kalkreuth, Pickel, Reinhardt and Suárez-Ruíz. It was decided to update the draft and go ahead with publication of the text independently from the classification scheme discussed above.

### **Thermal Indices (C. Araújo)**

The convenor reviewed results from spectral fluorescence analysis on two boghead coals from Australia for which additional data from FAMM analysis had been provided during the past year.

The spectral fluorescence curves and parameters provided by 3 laboratories show a good correlation. Some differences in the data can be related to the selection of distinct populations of alginite within both samples.

All techniques applied (spectral fluorimetry, fluorescence alteration, VRFTM and FAMM) suggest a reflectance level of 0.73 to 0.81% for sample 3, compared to the measured values of 0.26-0.38% indicating a strong vitrinite suppression.

In contrast the measured Ro values in sample 1 and those derived from fluorescence parameters were closer indicating that in this sample vitrinite suppression is not as strong as in the previous one. This round robin exercise is expected to be finalised with additional analysis of the two coals associated with the boghead layers.

Suggestions for future work included:

- i) to study Exshaw shale samples collected from the Western Canadian Sedimentary Basin at various maturity levels;
- ii) to sample the Joadja coal-oil seam interval;
- iii) study the optical properties of dinoflagellates as they relate to maturity.

There is a need to redefine the objectives of this WG and Commission II members are encouraged to put forward suggestions and ideas to the current convenor.

### **Pseudovitrinite (L. Gurba and C. Ward)**

The convenor briefly reviewed the results of previous years activities. A CD has been prepared showing the achievements of an earlier ICCP WG on pseudovitrinite (1965-1982) and the current WG activities (1996-2001). A special volume of the International Journal of Coal Geology on Pseudovitrinite related studies is planned for the near future. The volume will include the contributions of individual researchers presenting the results of the work done on pseudovitrinite, including microhardness, significance in rank studies, origin and chemistry. This volume will also include the results of the work carried out by ICCP Pseudovitrinite Working Groups organised as follows:

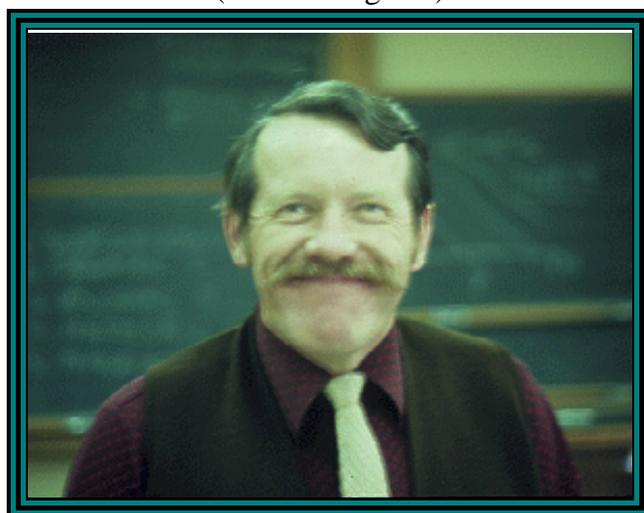
- i) Reappraisal of the work carried out on Pseudovitrinite by ICCP (1965-1982);
- ii) Pseudovitrinite WG- Activity and Achievements (1996-2001);
- iii) Problems related to Determination of Vitrinite Reflectance Anisotropy Using Computer-Controlled Automated Recording System.

For more detailed information on the format of the contributions to this special issue, please contact the convenors.

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## **KNOW YOUR COAL PETROLOGIST #1**

(Answer Page 36)



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## **Appendix VII**

### **Report of Commission III - Application of Coal Petrology to Utilisation**

Chair: Rosa Menéndez

Secretary: Henrik I. Petersen

The session of Commission III was held on Monday the 13th August from 14.30-19.30 and was attended by 32 members and guests.

The chair started the session by highlighting the status of the working groups (WG) of Commission III:

1. Coal Blends WG; in good condition
2. Automation WG; no WG at the moment
3. Coke Petrography WG; needs a new convenor

4. Inertinite in Combustion WG; in its final stage
5. Combustion; in good condition

During the year the chair has asked for new WG, but only one suggestion has been received from INCAR.

#### **Coal Blends Working Group - Convenor: I. Suárez-Ruiz**

The convenor presented a report on the 2001 round Robin exercise. The participants of the exercise were asked to determine:

- the composition of the blend in terms of the percentage of low, medium and high rank coal
- the mean random reflectance of each coal in the blend

Point-counting and reflectance measurements should be carried out separately, and the latter had to be performed before point-counting. The aim of the exercise was to establish the effectiveness of petrographic methods to determine the composition of complex coal blends.

A total of 24 participants sent their results, and 22 results were obtained by conventional manual microscopy (1 result from two participants), while one result was from an automation system.

A new blend made up of 3 high inertinite (>25 vol.%) bituminous coals of Carboniferous age was used in the exercise. The coals in the blend were:

- Elk Run Coal, USA: 0.88 %Ro
- Poruba Coal, Czech Republic: 1.07 %Ro
- Indiana Ridge Coal, USA: 1.56 %Ro

The coals were blended (after correction for density) in the following proportions:

- Elk Run Coal: 21%
- Poruba Coal: 49%
- Indiana Ridge Coal: 30%

The convenor did not consider the results as good and accurate as those obtained in previous exercises. Difficulties in identifying the coals in the blends were attributed to:

- the complexity of the blend
- the close rank of the coals in the blend
- the Elk Run and Indiana Ridge coals were also blends of coals or groups of coals of similar characteristics
- difficulty in grouping of vitrinite with similar vitrinite reflectance to the different coals in the blend

The spreading of vitrinite reflectance results was slightly higher than in previous exercises, but the

composition of the blend was better determined from vitrinite reflectance than from point-counting analysis. Only 9 determinations of the blend composition derived from vitrinite reflectance measurements differed less than 5% from the actual value. However, only 3 determinations of the coal blend derived from point-counting differed less than 5% from the actual value.

Based on these results the convenor concluded that it is possible to make an accurate identification and quantification of coal blend components through vitrinite reflectance measurements and point-counting analysis.

Several individuals from the audience were more optimistic with regard to the results than the convenor.

It was decided to repeat the exercise with 3 individual coals. Joan Esterle offered to provide 1 to 2 coals (1.2 %Ro and 1.5 %Ro). Dr. A.C. Cook also offered a coal with a vitrinite reflectance of 1.0 %Ro.

#### **Automation Working Group - D. Pearson**

D. Pearson was proposed by the chair and accepted by the members of Commission III as convenor of this WG. He will contact those interested in participating in the activities of the WG to arrange future activities.

D. Pearson explained the concepts of the Automation system at his laboratory, and how it is routinely used.

#### **Coke Petrography Working Group - No convenor at the moment**

The WG is looking for a new convenor as Rafael Javier has been retired. Adrian Reifenstein was suggested as new convenor, and it was decided to contact him.

#### **Inertinite in Combustion Working Group - Convenor: A. Gómez-Borrego**

The convenor summarised the activities of the WG from 1995-2001.

The final report, a CD, was presented but the convenor stressed that it does not have to be the final document. The char images are organised first by the rank of the parent coal and within each rank interval seven different groups might be selected according to the origin (inertinite-derived, vitrinite-derived), the

behaviour (fused/unfused) and the optical texture (isotropic/anisotropic). The CD will be distributed to the members of the WG for comments and final agreement and afterwards sent to the Editor distribution.

A detailed presentation of the causes of disagreement of classification of various particles between participants in the round robin exercises was provided.

Finally the chair thanked A. Gómez-Borrego for the great job she had done as convenor.

## **Combustion Working Group - Convenors: D. Álvarez and E. Lester**

E. Lester gave a presentation on the recent achievements of the WG and this years exercise. The achievements include:

- universal identification of chars based on the developed classification system is possible
- a char atlas has been developed; the new char atlas was presented
- a new software to perform char analysis has been developed

This year's exercise used a new-developed software, which recorded:

- the time used by the analyst to take a decision
- the total time used
- if the analyst was irresolute with regard to his or her decision

Like previous years the exercise should be performed on char images supplied on a CD. The current classification system should be used to classify the chars. Each char was shown in reflected white light and with crossed polars. Typical examples of the various morphotypes were also supplied on the CD.

Among the results of this years exercise were that there was only 100% agreement of 6 chars out of 170, and it was the most simple char types (tenuisphere, tenuinetwork, crassisphere). However, 7 analysts from previous years had 100% agreement of 58 chars.

D. Álvarez talked about the possibility of carrying out image analysis of chars. He showed examples of measured porosity of char particles by image analysis and the implications for classifying these chars.

Finally, theories of combustion processes were presented.

For the future it was decided to produce a CD with chars of different burnout.

## **New Working Groups**

The chair stressed the need for new ideas and WG for Commission III in order to strengthen it. The following WG were suggested:

- Improved Image Analysis for general purposes (i.e., porosity in coals and carbonaceous materials)
- Application of Reflectance to Estimate Structural Order; supported by XRD and TEM
- Fly Ash characterisation by optical microscopy and SEM

It was agreed that Cristina and Maria Mastalerz searched on the first topic to see how to proceed on specific topics. The second WG on the Application of Reflectance to Estimate Structural Order was accepted and Slawomira Pusz will be the convenor of this new WG. Finally, concerning the third proposal, Maria Mastalerz mentioned a possible overlapping with the Environmental WG.

/Copenhagen, 11.09.01



*Petra David (left), Wolfgang Kalkreuth, Nikki Wagner and Deolinda Flores (right) enjoying the pre-Tivoli events at the restaurant Nimb during the conference dinner (Photo : Wolfgang Kalkreuth - don't ask me how he did it!)*

## Appendix VIII

### SUMMARY OF COUNCIL MEETINGS - 53rd ICCP Meeting Copenhagen 2001

This summary is based on a draft of the minutes, but as indicated at Copenhagen, the summary contains only the matters that are considered to be of greater importance. The full listing of Agenda items is given (was printed in the last Newsletter). Items related to Membership may contain confidential items and will not normally be made generally available.

#### Agenda for the Council Meeting - 53rd ICCP Meeting Copenhagen 2001

- 1.\* Apologies from ICCP members for non-attendance
- 2.1.\* Minutes of the previous meeting
- 2.2.\* Starring of items and adoption of the unstarred items.
- 3.\* Arrangements for Copenhagen meeting
4. Future meetings
  - 4.1\* Arrangements for Maputo Meeting in 2002
  - 4.2\* Arrangements for meeting in Utrecht in 2003.
  - 4.3\* Arrangements for meeting in Budapest in 2004.
  - 4.4 Invitations to future meetings
  - 4.5 Information required in relation to invitations.
- 5.\* Membership
  - 5.1\* Applications for Associate membership
  - 5.2 \* Applications for Full membership
  - 5.3 Applications considered by Council between meetings
  - 5.4\* Resignations
  - 5.5 Membership Directory
  - 5.6\* Honorary Membership
6. Thiessen Medal
  - 6.1 Thiessen Medal Award
  - 6.2\* Production of new Thiessen Medal
- 7.\* ICCP Young Scientist Award
- 8.\* Treasurers Report
  - 8.1 Treasurer's report
  - 8.2 Financial procedures and accountancy standards/requirements
  - 8.3 Budget 2001/2002
- 9.\* Editor

- 9.1 Summary report from Editor
- 9.2 New Format of ICCP Newsletter
- 9.3 Publication of material arising from work of ICCP within the Newsletter
- 9.4 Copyright and ICCP, Implications for a New Handbook and other publications
- 9.5 Draft budget for the editor
- 10.\* Website
  - 10.1 Publication of material arising from work of ICCP on the ICCP Homepage
  - 10.2 Balance between information published on Homepage and in Newsletter
11. New Handbook
12. Procedures for council business between annual meetings
13. Use of multiple languages (no papers are available for this item)
- 14.\* Elections
15. UN Relations
- 16.\* Status of ICCP
17. Institutional membership (no papers are available for this item)
  - 17.1 Details on regulations
  - 17.2 Information/advertising package
  - 17.3 Membership fees
18. Publications of Working Groups
- 19\*. Revision of Statutes
20. Review of ICCP
- 21.\* Trademarking of ICCP Logo
- 22.\* Standards for acquittal of ICCP funds
23. Feedback from members
24. Code of Conduct
- 25\*. Other business

#### 2. Minutes of Previous Meeting

A number of corrections and additions were requested to the minutes of the Plenary Session.

#### 4. Future meetings

- 4.1 Arrangements were confirmed for the Maputo Meeting in 2002
- 4.2 Arrangements for meeting were agreed for the meeting in Utrecht in 2003.
- 4.3 Arrangements for meeting in Budapest in 2004.

*Resolved ICCPC01/4/3. Accept the Budapest proposal subject to possible amendments relating to timing and the structure of the meeting.*

## 5. Membership

### 5.3 Applications considered by Council between meetings

Applications for membership submitted electronically and considered by Council between meetings allows more rapid processing of applications and this might assist in fostering more active participation by members.

*Resolved ICCPC01/5/3. Council agrees to continue processing applications for Associate Membership and to process applications for Full Membership between meetings. Recommendations from Council arising from such consideration will continue to be placed before the Plenary Session following recommendation for admission.*

### 5.4.2 Non-financial members

Council considered how members in arrears with membership dues should be treated. Following extensive discussions, it was decided that in relation to payment of subscriptions there should be that a limit of two years back dues to be consistent with the amended statutes. That is, because persons are no longer considered as being members after two years of non-payment of fees, rejoining members should be liable only for two years of back fees.

### 5.5 Membership Directory

Most of the reactions to the printing of the membership list in PDF form have been positive. A number of members have asked for versions that would allow them to cut and paste material from the list. To protect members who wish their membership to remain confidential, a number of resolutions were adopted to give effect to these intentions. The General Secretary is requested to write to all members to determine if they wish to be included in the lists.

## 6. Thiessen Medal

### 6.2 Production of new Thiessen Medal

Consideration needs to be given to production of new medals.

*Resolved ICCPC01/6*

*i) Council recommends the production of new medals;*

*ii) that these be made from bronze; and*

*iii) that the design be that of the original medals but modified to permit inscription of the name of the person to whom the award is made and the date of the award*

## 7. ICCP Young Scientist Award

*Resolved ICCPC01/7*

*i). To recommend to the Plenary Session that ICCP offer an award to Postgraduate students to assist them in their studies and to provide some assistance with the costs of attending an ICCP meeting to report the results of their research program*

*ii). That applications be sent to a subcommittee of Council consisting of the President, Lavern Stasiuk and Wolfgang Kalkreuth.*

## 8. Treasurers Report

The Treasurer presented his report at the first Council meeting and a summary of the report is included elsewhere in this Newsletter.

*Resolved ICCPC01/8. Council resolved to accept the Treasurers report but requested that the accounts for the Accreditation Program be included in the report and that future reports encompass all the financial aspects of the ICCP operations.*

## 9. Editor

A short version of the editor's report to Council is given elsewhere in this newsletter. On the basis of this report, Council resolutions included :

*Resolved ICCPC01/9/2. Noting the outcomes of Resolutions ICCPC01/5/5 and ICCPC01/5/6, Council approved the publishing and distribution of a new Membership Directory as either a hard copy distributed to all members or as a combination of electronic and hard copies, with hard copies being distributed only to members with no Email facility. For the non-web Directory, the method of production and distribution shall be determined by consultation between the Editor and Treasurer.*

*Resolved ICCPC01/9/3. Council approved the re-issuing of the 1963 Handbook 2nd*

*Edition in an electronic format for sale. Council notes that the Editor reserves the right to make normal editorial changes and comment to correct minor errors where appropriate.*

*Resolved ICCPC01/9/4. Council noted 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 ICCPC01/9/6. Council noted that three issues were published of the Newsletter in the 2000/2001 year and recognises that more frequent publication has advantages for members.*

*Resolved ICCPC01/9/7. Normally, material arising from Working Groups should be published first within the ICCP Newsletter.*

*Resolved ICCPC01/9/8.*

*i) Council noted the copyright issues raised by the Editor and*

*ii) resolved to consider adopting a publishing policy that reserves copyright to ICCP, and*

*iii) noted that this aim does not preclude publication of material in modified form within International Journals such as Fuel and International Journal of Coal Geology.*

## **10. Website**

*Resolved ICCPC01/10/1. Council noted with approval the performance of the Website operated by Dr Pearson and records its thanks to him and his staff for their work.*

### **10.1 Publication of material arising from work of ICCP on the Homepage**

*Resolved ICCPC01/10/2. Noting the Copyright issues that have arisen, Council encourages a policy of publishing material on the website.*

## **12. Procedures for council business between annual meetings**

It was noted that considerable savings of time and money can be made by using electronic mailing systems.

*Resolved ICCPC01/12/1. Council resolved to recognise Emails as an acceptable form of communication between members of Council.*

## **15. UN Relations**

ICCP affiliation with the UN, initially proposed through UNESCO but subsequently through ECOSOC, would require fundamental changes to ICCP due to the requirement of formal registration as either a non-profit organization or as a company. Formal registration is not a trivial procedure and would incur significant changes to the ICCP structure and on-going costs. Clear benefits of UM affiliation have been difficult to establish at this stage and more information is awaited before full appraisal of this matter can be attempted.

It may, however, be desirable to undertake Registration for other reasons and further consideration of application to affiliate will have to be deferred until a decision is made about the status of ICCP. Issues relating to registration are set out in more detail in the following item in the Agenda.

The Treasurer and Wolfgang Kalkreuth considered that it might be possible under Brazilian law to affiliate with ECOSOC without becoming a registered organization.

*Resolved ICCPC01/15/1. That Wolfgang Kalkreuth be authorised to explore the possibility of affiliation with ECOSOC under Brazilian law provided this did not require registration of ICCP as a formal organization. Wolfgang Kalkreuth agreed to report back to the General Secretary on this matter as soon as possible.*

*Resolved ICCPC01/15/2. Pending a clarification of the possibility of affiliating with ECOSOC under the Brazilian jurisdiction, the issue of affiliation with ECOSOC be deferred until*

- i) Council can be officially advised more fully of the advantages and disadvantages of such affiliation and*
- ii) Council decides a policy on the status of ICCP.*

## 16. Status of ICCP

Apart from the ineligibility of ICCP in its current form to affiliate with the UN, formal registration of ICCP may be desirable for other reasons such as running the Accreditation Program, obtaining public liability insurance and indemnification of ICCP and ICCP officers. Possible structures include formal registration and formation of a limited liability company, but all require registration under the laws of a nation state, i.e. ICCP would be required to register in a particular country. Registration requirements and costs vary between countries and estimates obtained range up to USD510 with on-going fees of around USD200 per year. Other on-going costs include public liability insurance for which no estimate is yet available.

A number of issues arise. Inter alia these include:

- A) A wish by some (?many) members to remain a relatively informal organization.
- B) The identification of ICCP with a specific country that would follow registration. Note: to some extent that this has already happened with the existence of the Statutes where the Statutes state 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.
- C) The costs associated with Registration including the costs of Public Liability Insurance and the redrafting of the Statutes.
- D) The potential costs and dangers of having and not having Public Liability Insurance. 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. The Editor has received professional advice that as currently constituted, ICCP cannot hold copyright or be sued. However, the officers can be sued and some doubts have been expressed about the effectiveness of the indemnity statement that is contained within the Statutes. Liability is, therefore, an issue of special concern to members of Council.

The membership *must* be consulted before any changes are made. The following resolutions were placed before Council as alternatives.

*Resolution ICCPC01/16/1. In view of the costs associated with Registration and the*

*identification that ICCP would then have with a specific legal jurisdiction, Council resolves to abandon plans for Registration.*

**OR**

*Resolution ICCPC01/16/2. In order to continue the development of the role of ICCP, Council resolves to put the following question(s) to the membership accompanied by suitable material that would explain the problems associated both with formal Registration and with continuing the present status of ICCP.*

*"That ICCP become a registered organization."*

It is proposed that if the matter is put to a vote of members, the vote should 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. The Statutes are not clear on the matter but probably indicate that the Plenary Session should be the body to decide a matter of this type - from the use of "supreme" in the first sentence of its terms of reference. However, if Council prefers, a vote could first be restricted to Full members. If full members agreed to the change, it could then be put to all members. In any event, changes to the Statutes would have to be approved by the Full members. If Resolution 16/2 is adopted, it is proposed that this resolution be placed before the General Assembly at the Copenhagen meeting in order to obtain an indication of the views of members.

A number of additional questions would remain to be resolved if members agree that ICCP should become a registered organization. These include the country within which registration should take place, the membership structure and some other issues. However, adding these matters to a voting paper would produce a complex of questions, within which it would be difficult to separate the key question from the lesser questions that would flow from a decision to become registered. If Council agrees, a set of secondary questions could be agreed that could be put to members in the event that they agree that ICCP should be registered. This would allow the process to move more rapidly.

**THESE ISSUES WERE DISCUSSED, BUT THE MOTIONS WERE NOT PUT TO THE**

**MEETING AND NO DECISION WAS TAKEN IN RELATION TO THESE DRAFT RESOLUTIONS. HOWEVER, THE MOTIONS REMAIN TABLED.**

**17. Institutional membership**

A proposal for an application form was submitted to the Council at the Rio meeting. Proposed terms and conditions for CORPORATE MEMBERSHIP or INSTITUTIONAL MEMBERSHIP in the ICCP have been worked out by a subcommittee (D. Pearson, A. Depers, P. Crosdale) and were presented during the council meetings in Copenhagen.

It was noted that although the document gave general directions about requirements for an Application, it did not specify a form of application. It was also noted that Corporate and Institutional Membership could have different connotations.

*Resolved ICCPC01/17/1. The proposals of the subcommittee were approved together with a fee of USD 1000 per year for Institutional membership.*

*Resolved ICCPC01/17/2 That applications be made on the form submitted as part of the Agenda for the Rio Council Meetings.*

Terms and conditions for Institutional Membership as well as an application form can viewed on the website or achieved from the General Secretary.

A proposal for an application form was submitted to the Council at the Rio meeting. The following document was received just prior to the meeting.

**19. Revision of Statutes**

The paper discussing the Statutes and provided as an attachment has been provided by Peter Crosdale. This draws attention to some problems with the Statutes and provides comments from a legally qualified person. This material was put to Council members for comment on the paper by Peter and comment was received from the following members:

Petra David, Barbara Kwiecinska, Angeles Gomez Borrego, Walter Pickel, Alan Cook  
In relation to the paper from Peter Crosdale, Council had placed before it the following resolutions:

*Resolution ICCPC01/19/1. Revision of the Statutes is required and in view of the wide range of matters raised, agrees to a full revision rather than revision of a small number of items.*

*Resolution ICCPC01/19/2. A committee of three reporting through the General Secretary to the President be established to undertake the revision.*

*Resolution ICCPC01/19/3. The timetable for revision shall have regard to other issues such as Registration that could result in a need for additional changes.*

*Resolution ICCPC01/19/4. Following completion of a revised draft, this shall be put to Council and an agreed revision shall then be subject to a vote of Full Members.*

*Resolution ICCPC01/19/5. Pending completion of the Review, the existing Statutes shall continue to be used.*

Some general consideration was given to the matter of revision of the Statutes but there was insufficient time for consideration of all the issues. The resolutions remain tabled for the next meeting.

**21. Trademarking of ICCP logo**

It was noted that the ICCP logo has now been protected by Trademark.

*Resolved ICCPC01/21/1. Council noted with approval that the ICCP logo had been the subject of a trademark initiative and congratulated David Pearson on this initiative.*

**Deadline for  
ICCP News No. 26  
June 17, 2002**

## Thiessen Medal

### Laudation for Professor M.J.Lemos de Sousa on the occasion of the award of the Reinhardt Thiessen Medal

Following a recommendation from the Reinhardt Thiessen Award Committee, the ICCP Council has agreed that the 2001 Award

should be presented to Professor M.J.Lemos de Sousa. Professor Lemos de Sousa is, of course, very well known to ICCP members, having been President of ICCP from 1995 to 1999. He is also well known for his work in international standards organisations, especially ISO (International Standards Organisation) and UN-ECE (United Nations - Economic Commission for Europe). In the latter area of work, Professor Lemos de Sousa has worked energetically on committees

dealing with the properties and classification of coal, and in so doing, has enhanced the standing and reputation of ICCP, which is now widely recognised as an important authority in relation to these matters. This work has resulted in the formulation of three international and fifty Portuguese standards and the adoption of an important chart by the UN-ECE in 1998.

Professor Lemos de Sousa has led an active group carrying out research in organic petrology and related matters. His own research over more than three decades has covered a wide range of topics and related to numerous localities. Some 109 research papers have resulted from this work. As well, Professor Lemos de Sousa has also edited eight book-sized volumes - in itself a demanding task, as those who have tried it will know. One of these volumes was a commemorative book to mark the 50th ICCP Meeting in 1998. This meeting, held in Porto, was also organised by Professor Lemos de Sousa.

The basis of his work has been classical coalfield geology with, of course, a strong element of coal petrology, and to a lesser extent, also involving paleobotany and palynology. Much of his work has concerned meta-anthracites and other high rank coals of the Iberian Peninsula, especially in the Douro Basin of northern Portugal. He recognised the inversion of maceral reflectivities in these very high rank coals. Important topics in recent years have included the

evaluation and significance of bed moisture and the occurrence and distribution of methane in coal beds. His areas of work interest have extended to Africa and Macao and have included Gondwana coals, which were the subject of two symposia that he helped organise (in 1983 and 1988). Professor Lemos de Sousa has also led or been associated with research work on industrial and environmental subjects, such as the effect of coal blending to reduce NO<sub>x</sub> levels during combustion.

Professor Lemos de Sousa's achievements have already been recognised by his election as Member of the Academy of Sciences (Lisbon), Membre de l'Academie Europeenne des Sciences des Arts et des Lettres (Paris) and Foreign Member of the Royal Academy of Sciences (Madrid). The Council of the ICCP is now pleased to announce that he is the recipient of the 2001 Reinhardt Thiessen Award of the ICCP.

RTA Cttee



*Prof. Lemos de Sousa (left) receiving his Reinhardt Thiessen Medal from ICCP President Dr Alan Cook (right) following the reading of the Laudation by Dr Alan Davis (centre)*

### Response by Lemos de Sousa, recipient of the Reinhardt Thiessen Medal at the 53rd ICCP Meeting, Copenhagen, August 2001

First for all, I have to express my most sincere gratitude both to the Thiessen Award Committee for the recommendation of my name, and to the ICCP Council for endorsing me with this high distinction.

I am conscious of the importance of this award. Since its inception in 1956, the Thiessen Medal was delivered 24 times and always to highly competent and internationally respected personalities. I have to confess that this is the reason why I was really surprised when I received, from the ICCP President, the good news that the 2001 award was made to me.

There are no self-candidatures to the award. The proposals for nomination are anonymous, and the same can be said regarding discussions on the basis of the decision by the Award Committee and in the ICCP Council. So, my first reaction was to question myself: Why am I been awarded?

A synthesis of the justification to the award will be expressed in the Laudation, to which I have no access since it will only be divulged at the very moment of the award ceremony. This situation places the awarded person in the face of great embarrassment as to how to prepare a consistent reply.

I am conscious of my work in various domains in the field of Coal and Organic Petrology during a 35-year career, which begun in the sixties, and especially since the time that I joined the ICCP in 1971.

In addition, I am also conscious of the fact that I have served the ICCP to the best of my capabilities, always in good faith, not only as an active member but also in the different posts to which I was elected: Secretary of Commission I, Chairman of the same Commission, and ICCP President.

However, all these commitments - in some way expressed in the Laudation just announced - do not justify the award because, in my own view, they conformed to the normal development of duties of any ICCP member.

Consequently, I am really convinced that those who decided to bestow me with the award have added an enormous dose of personal respect, high esteem and generosity.

Perhaps at this point, the audience is thinking: In practical terms Lemos de Sousa has state that, in his view, he does not merit the award! So, why does he accept the award?

In fact, after I received the news from the ICCP President, I meditated profusely for several days and, trust me, I hesitated to accept the award.

My final decision was to accept and I should explain why. There was one reason only, of which I am really happy and even rather proud: the fact that I was able to organise and promote a Coal and Organic Petrology School in Portugal which, during time, became strong enough to be recognised and to spread abroad.

This, my friends, is the only reason why I decided to accept the distinction! In other words, I consider that the distinction is not for me but for the Organic Petrology and Geochemistry Unit (Faculty of Sciences, University of Porto, Portugal) and for the Institutions who made it possible to conduct research work, mainly the Fundação para a Ciência e a Tecnologia. I am also proud to share the award with the fantastic disciples and good friends that I have been blessed with.

In fact, besides my Teachers in Coal and Organic Petrology - Boris Alpern, Raymond Noël and Marie-Therese Mackowsky - I have to specially remember all my disciples, some of them still working in my laboratory and today present here as ICCP members. Among my disciples, I count those who are now in other countries (Brazil, Mozambique and South Africa) after studying and graduating in my laboratory. All of them, either in my laboratory or abroad, are contributing with high competence to the development of our Science and its application to the industry.

I also wish to say a word regarding Brazilian Colleagues with whom collaboration was established over 30 years ago: Joanna Nahuys and Zuleika Corrêa da Silva. This scientific collaboration continues to this day.

Furthermore, I must mention that important achievements were made possible through the establishment of special relations and common work with our Spanish Colleagues from INCAR, in Oviedo: Hevia Rodriguez, Javier Prado and, more recently, with their followers.

I accepted the medal - which I am very happy to receive from the hands of the current ICCP President - because I want to divide it with all these people, mainly with my direct, fantastic and enthusiastic colleagues, co-workers, present and past students. Although I have no intention yet to physically split, to cut or to slice the medal in small pieces, I have to confess that I have always been very curious to see the medal under the microscope, to measure its reflectivity and to determine its petrographic composition using pertinent standards. Anyway, this curiosity is an old that was mentioned during the first Thiessen award to Dr. Clarence Seyler in 11 December 1956 but I think that it never materialised! (Circular from Professor R. Potonié, dated 19 December 1956, in ICCP Archives).

Now, I will end with a few words for the young generation, I mean, for the young ICCP members. To them, I have to say: remain scientific and professional and continue to contribute, even more that those who served the ICCP in the past, to the highest prestige of our organization. Your future is our future. And the future is in your hands. In any organization many modifications and changes take place during time. These modifications and changes imply problems that have to be resolved. The point is to resolve them always in good faith and in the best interest of the organization, that is the same as to say in the best interest of the members. Evolution and related problems should be considered as normal main properties of living bodies. If you, the young ICCP members, are able the truly realise these concepts, the ICCP will live for a long time and in good health. And this is the main aim to be achieved.

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## Call for Nominations for the Reinhardt Thiessen Award

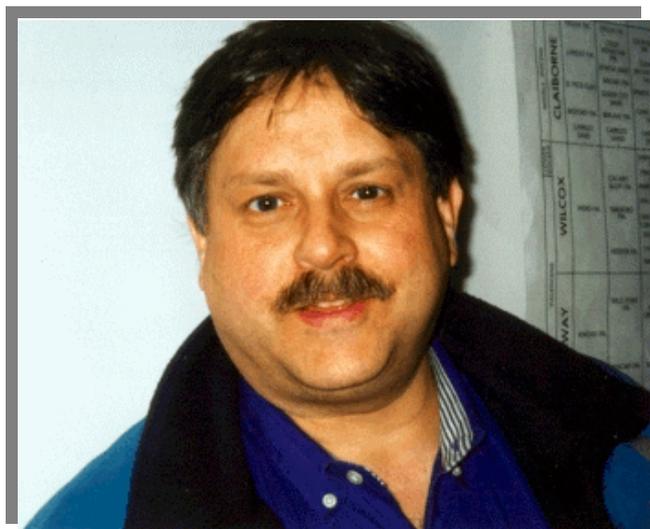
Nominations are sought for candidates for the year 2002 Reinhardt Thiessen Award. The award is made for individuals who have made outstanding contributions in the field of coal or organic petrology. Any person of high standing is eligible to be considered for the award; ICCP membership is not a prerequisite. Only full members of the ICCP may submit a nomination.

The award is made by the ICCP Council acting on the recommendation of the members of the Thiessen Award Committee and will be presented at the 2002 ICCP meeting to be held in southern Africa. The

committee invites you to send nominations to: Dr Geoff Taylor, Chairman of the Reinhardt Thiessen Award Committee, 15 Hawkesbury Crescent, Farrer, ACT 2607, Australia (Email: ghtaylor@bigpond.com). Letters of nomination should provide the reasons for and justification of the proposal and must be received by April 26, 2002 at the latest.

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### RON STANTON



On Thursday, September 27, 2001, Ronald W. Stanton of Vienna, VA, 50, a long time member of The Society for Organic Petrology (TSOP) and International Committee for Coal Petrology (ICCP), and research geologist with the U.S. Geological Survey (USGS), died at his home from cancer. Ron was born in Wilkes Barre, Pennsylvania and lived in Fairfax County, Virginia.

Ron started his career at the USGS as a field assistant in 1973. Following his completion of undergraduate and masters degrees in Geology at West Virginia University, he returned to the USGS Branch of Coal Resources in 1975 as a coal geologist specializing in organic petrology. He was responsible for developing new techniques and approaches to the description, characterization, and prediction of coal bed thickness and quality of world coal resources. Ron continued to analyse coal components throughout his career and his observations led to significant modifications of coal petrographic classifications that are currently used

by the American Society for Testing and Materials and by other coal geologist throughout the world.

In 1993, Ron was appointed Assistant Branch Chief of the Branch of Coal Geology at the USGS and had responsibility for budgets and staffing. From 1995 to 1999, he served as the Team Chief Scientist of the Eastern Energy Resource Team where he was responsible for science directions, plans, and supervision of over the professional and administrative staff.

Ron was recognized worldwide as a coal geologist and was recently elected as an Honorary Member of the ICCP in 2001. He held numerous leadership positions at the American Society for Testing and Materials, Committee D5 on Coal and Coke, and was a founding member of TSOP. In addition, he was a member of the Geological Society of America, Sigma Xi, Scientific Research Society, American Association of Petroleum Geologists, and the Society of Mining Engineers.

He was a Boy Scout leader, a soccer and basketball coach for youth leagues in Fairfax County and an organizer of the Hunter Mill Defence League, which fought development in Fairfax County. His interests included fly-fishing and bluegrass music. He played the violin, banjo, piano and trumpet.

Ron's wife Cindy has arranged for a music scholarship in Ron's honour - the RWS Scholarship Fund. It will be a scholarship for students of James Madison High School (Fairfax County) and will be administered by the high school. The scholarship will be specifically earmarked for an orchestra student in the strings program and will go either to a graduating senior or to help students with school music programs. Checks can be made out to "JMHS" and somewhere on the check should be indicated that it is for the "RSW Scholarship Fund." If you care to contribute to the scholarship (contributions are tax deductible), you can send the checks directly to Cindy Stanton at 10309 Browns Mill Road, Vienna, Virginia 22182, USA.

Peter D. Warwick

# 54<sup>th</sup> ICCP Meeting 1<sup>st</sup> Circular

**54th Meeting to be held in Maputo,  
Mozambique and Pretoria, South  
Africa, 22nd - 29th September 2002**



## **International Committee for Coal and Organic Petrology - ICCP**

The President of the ICCP has the honour to invite all members to the 54th Meeting to be held in Maputo, Mozambique and Pretoria, South Africa, 22nd - 29th September 2002

### **The ICCP**

The International Committee for Coal and Organic Petrology - ICCP - is an international non-profit organisation constituted with the following main objectives, as in the Statutes:

To secure the continuing international exchange of scientific information relating directly or indirectly to Organic Petrology, and

To develop and publish definitive descriptions and methods in furtherance of the above objective.

### **Organising Committee**

#### *In Mozambique*

Lopo Vasconcelos (Eduardo Mondlane University)  
Nelson Ocuane (National Directorate for Coal & Hydrocarbons)

#### *In South Africa*

Henrique Pinheiro (AfriOre)  
Vivian du Cann (Coal & Mineral Technologies)  
Nikki Wagner (SASOL)

### **General Information**

The meeting will be organised by The Department of Geology of Eduardo Mondlane University (Mozambique) and by Coal & Mineral Technologies (Pty) Ltd (South Africa), with the following addresses:

Dept. Geologia  
Universidade Eduardo Mondlane  
CP 257  
Maputo  
Moçambique  
Tel/Fax: +258-1-475280

Coal & Mineral Technologies (Pty) Ltd  
(P.O Box 73656)  
Lynnwood Ridge  
0040 Pretoria  
South Africa  
Fax: +27-11-8035692 (Pinheiro)  
Fax: +27-12-3491161 (du Cann)

### **Tentative Schedule**

The general tentative schedule is as follows:

#### *Sunday, 22*

Afternoon: Registration/ICCP Council Meeting/Icebreaker Party

#### *Monday, 23*

Morning: Opening Session/General Assembly  
Afternoon: Meeting of Commission I

#### *Tuesday, 24*

Meeting of Commission I (all day)  
Evening: Conference Dinner

#### *Wednesday, 25*

Morning: Visit to Matola Coal Terminal  
Afternoon: Departure to Malelane

#### *Thursday, 26*

Morning: Meeting of Commission II  
Afternoon: visit to the Kruger Park

#### *Friday, 27*

Morning: Departure to Secunda  
Afternoon: Visit to SASOL and travel to Pretoria

#### *Saturday, 28*

Morning: Meeting of Commission III  
Afternoon: Meeting of Commission III and Poster Session  
Evening: Farewell Dinner

#### *Sunday, 29*

Morning: General Assembly/Closing Session

#### *Monday, 30*

Optional Excursion  
Morning: Departure to Ellisras  
Afternoon: Visit to Grootegeluk opencast mine (ISCOR) and Matimba Power Station (ESKOM), and Return to Pretoria or stay overnight and return Tuesday, 2.

Final program for the meetings of the commissions will be established, as usual, after agreement with the respective Chairpersons. Rooms for simultaneous sessions will be available, if needed. Facilities for presentations will include overhead and slide projectors, datashow, whiteboards and flipcharts. A microscope equipped with fluorescence (in South Africa) and computers will be available (on both sides). Message centres (Mozambique and South Africa) with fax, copier, printer and internet will be available to delegates.

## Travelling and Accommodation

An international airport serves Maputo with links to South Africa, Zimbabwe, Ethiopia and Lisbon. There are several daily flights to and from Johannesburg with links to the most capitals of Europe, Asia, Americas and Oceania.

Most foreign citizens need a visa to Mozambique (except Mauritius, Namibia Malawi and Indonesia), that can be obtained from Mozambican consulates (a list shall be provided). For South Africa, many citizens do not need a visa.

Both in Maputo and Pretoria, hotels of excellent, good and fair quality will be arranged, and transportation between the hotels and the meeting venues will be available. *A list of hotels and prices will be provided to members who reply to the registration form by 30th March 2002.*

## Meeting Fees

The following fees have been fixed for participants to the 54th ICCP Meeting:

- Registration: USD 70.00
- Conference dinners: USD 35.00 for both
- Excursion: USD 75.00
- Optional Excursion: to be advised

Registration fee will include icebreaker party, meeting materials, coffee breaks and transportation hotel/venue sites/hotel.

All fees should be paid during registration (Sunday 23) in USD. Payment by credit card will be possible.

In Maputo, money exchange can be made in banks or exchange houses (preferably, no taxes). In South Africa, money exchange is provided by banks, exchange bureaus and most hotels.

## Registration

In order to prepare and send your registration form please copy the form at the back, complete it and send by E-mail to the following address:

54ICCP@eng.uem.mz

and copy to

lopo@zebra.uem.mz

if you prefer, you can complete the registration form and forward it to the following fax number, addressed to Lopo Vasconcelos

+258-1-475280

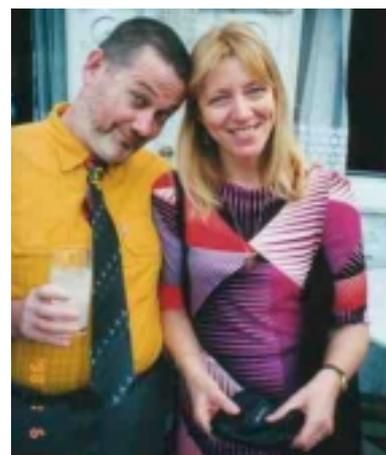
## Important Dates

*30th March 2002* - deadline for returning registration forms;

*30th June 2002* - 2nd circular will be posted;

*31st July 2002* - deadline for sending of abstracts

*Peter Crosdale and Lila Gurba make a fashion statement at the conference dinner at restaurant Nimb - you need to see this in colour (Photo : Lila Gurba !)*



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## ICCP Publications

### ICCP Handbook

# ! NEW !

*International Handbook of Coal Petrography 2<sup>nd</sup> Edition (1963) (in*

*English) as CD ROM*

\* PC and Mac Compatible

\* Requires Adobe Acrobat Reader Ver. 4 or above

\* See reviews following

ICCP member \$25US (including postage)

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

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

*International Handbook of Coal Petrography, 2nd supplement to the 2nd edition (in English) 1986 US\$10*

*International Handbook of Coal Petrography, 3rd supplement to the 2nd edition (in English) 1993 US\$20*

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

Prepayment should be made to Postbank.  
Swift code ING-BNL-2A, Amsterdam, NL  
Giro account nr. 4292437  
with reference to: ICCP HANDBOOK  
Budapestlaan 4  
3584 CD Utrecht

Payment can also be accepted by credit card (Mastercard or Visa)

Contact

Dr Petra David  
TNO NTIG  
PO.BOX 80015  
3508 TA Utrecht  
Tel.: +31 30 256 4648  
Fax: +31 30 256 4605  
E-mail: p.david@nitg.tno.nl

### **A Must For Organic Petrologists - The 1963 ICCP Glossary, now on CD**

To be correct, the 'International Handbook of Coal Petrography, 2<sup>nd</sup> edition' from 1963 is the publication in question. Peter Crosdale managed to revitalise a lost treasure that is long out of print by re-publishing it on CD. The fact alone, that 'The Handbook' or 'The Glossary' as it is normally referred to, is available again for everybody who missed a chance to get one in time or is simply too young to have had a chance, is great news.

Additionally Peter managed to improve the original significantly. Not only do the photo-micrographs certainly look better with the scratches removed, it is also a significant improvement to be able to use Peter's cross references. The old hardcopy is collection of single sheets, in every library the sheets are in a different order due to the preferences of its former users. In the original the order was alphabetical. In whatever order a beginner in the field would find them in his/her institution's library, he/she must consider this book as a nightmare. Now every term is just a keystroke in the alphabetical index away.

Part I (Nomenclature) contains the chapters 'General Terms', the 'Stopes-Heerlen System', the 'Thiessen-Bureau of Mines System', the 'Spackmann Nomenclature', the 'USSR Genetic Nomenclature', 'Miscellaneous Terms' (like Phytal) and 'Terms involving minerals in coals'.

In Part II (Methods) the reader finds after an 'Introduction to Part II' the 'General Notes on quantitative methods of analysis of polished surfaces', 'Recommendations for the preparation of polished surfaces of lump and particulate samples', 'Maceral analysis of particulate samples', 'Microlithotype analysis of particulate samples', 'Quantitative determination of the petrographic constituents (components) in thin sections'. The

reader who is looking for reflectance analysis should try 'Rank' in 'General Terms'.

I must confess, I normally am old-fashioned enough to prefer reading books in hardcopies but firstly is my kind (with regard to reading habits) certainly close to extinction and even I am happy to utilise reference literature on the computer. Secondly was this book not any more available in the old fashioned hardcopy and thirdly is the access to this book on a computer for beginners certainly easier.

My respect to Peter, 'publishing on CD' looks like it is easily done - it is certainly not! Thanks to his enormous effort the 'Old Handbook' is available again and recommended strongly to everybody involved in organic petrology, especially to those who do not have the original hardcopy. Thanks also to the Nomenclature Sub-Committee of the ICCP, which in 1963 finished this incredible work. It is good to have it available again.

W.P.

### **A Glossary for this Century - worth it at twice the price!**

When the Editor rang one dark and stormy night and asked if I could send him a copy of the 1963 ICCP Glossary, my first thoughts were that he probably wanted to photocopy a couple of pages. But no, he wished to set up an electronic version. I remembered Duncan Murchison producing a later printing of part of the Glossary and how surprised I was that the then modern technology Duncan used managed to produce a volume that was, in some ways, better than the original. Even so, I was astonished at the CD that Peter produced from my copy. He has made the reproduction by scanning each page as a TIFF file and then patching each image in the ways that are possible with bit maps. Thus, Peter has "repolished" many of the old photographs and removed the coffee stains I had thoughtfully added.

However, not only has the Glossary been transformed into a digital form, the text now has ease of access as opposed to there being access if you struggle away. The old glossary was in a loose leaf that was arranged alphabetically, but had no links that were determined by relationships. My knowledge of the alphabet always seems to be limited when I have to find items by letters. The CD version accesses pages by subject in a flash. Being

able to go to vitrinite in a fraction of a second would have been a great improvement, but then being able from there to access anthraxylon, or even the dreaded collinite in a similar flash is a total revelation. My copy of the Glossary sits on the bookshelf, but I cannot see it acquiring any new coffee stains because I will use the CD if I need to go back to 1963.

The only drawback is that the text is not accessible as characters in this form of image. For this reason, it was not possible to add references to later editions of the Glossary, or later revisions. Also, it is not possible to undertake text searches. So you get the cross references that the Editor has given you, but no more. However, this is not a major limitation as he has done an excellent job.

I have put parts of the Glossary through OCR (optical character recognition) on my own scanner. It works and you get full access to the text, but the error rate is high, and each page needs meticulous editing. Also, it can be difficult to produce a format similar to that of the printed version.

What the Editor has achieved with the scanned images shows how we can improve the usefulness of even the oldest of our publications. When similar treatment can be afforded new publications where the full text is available in character rather than bit-mapped form, cross referencing facilities and general usefulness should take another leap forward. This is part of the way forward and I hope that such initiatives are encouraged. The strengths of ICCP lie in individual initiatives such as this.

ACC

## Answer to 'Know your coal petrologist #1'

**Claus Diessel** is seen here intimidating a 3<sup>rd</sup> year coal petrography class at the University of Newcastle (NSW) in 1981. Claus was well known to 3<sup>rd</sup> year students for his booming Prussian 'WHAT YOU DO NOT KNOW??!!' when they were confronted with anything ending in -inite. Claus has only been without a reply on one occasion (and then only briefly) when, identifying an unknown 'maceral' to a third year with "but it is a CRACK", received the response "aaahh ..... a crack-inite" [eds note : cracker night is an Australian colloquial expression for Guy Fawkes night when 'crackers' (fireworks) were lit. Cracker night and crack-inite have very similar pronunciation in Australian]

## WHAT'S HAPPENING

**July 21 - 26 , 2002**

**29<sup>th</sup> International Symposium on Combustion**, Sapporo, Japan

Contact : Prof. Ken-ichi Ito

email : [ito@york-me.eng.hokudai.ac.jp](mailto:ito@york-me.eng.hokudai.ac.jp)

**August 25- 30 2002**

**Gondwana 11 Correlations and Connections**, Christchurch, New Zealand.

Contact : Susannah Hawtin

email: [s.hawtin@anta.canterbury.ac.nz](mailto:s.hawtin@anta.canterbury.ac.nz)

<http://www.anta.canterbury.ac.nz>

**September 2002**

**54<sup>th</sup> Annual Meeting of ICCP**, Maputo-Pretoria, Mozambique - South Africa

Contact : Lopo e Vasconcelos

email : [lopo@zebra.uem.mz](mailto:lopo@zebra.uem.mz)

or Ricky Pinheiro

email : [ricky.pinheiro@afriore.co.za](mailto:ricky.pinheiro@afriore.co.za)

<http://www.iccop.org>

**August 2003**

**55<sup>th</sup> Annual Meeting of ICCP**, Utrecht, The Netherlands.

Contact : Petra David

email : [p.david@geo.uu.nl](mailto:p.david@geo.uu.nl)

<http://www.iccop.org>

[www.nitg.tno.nl/eng/55iccp.shtml](http://www.nitg.tno.nl/eng/55iccp.shtml)

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**56<sup>th</sup> Annual Meeting of ICCP**, Budapest, Hungary

Contact : Dr Mária Hámor-Vidó

email : [vidom@mafi.hu](mailto:vidom@mafi.hu)

<http://www.iccop.org>

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Dr P. Crosdale,

Editor, ICCP

School of Earth Sciences

James Cook University

Townsville, Qld 4811 AUSTRALIA