



Founded 1953

# ICCP

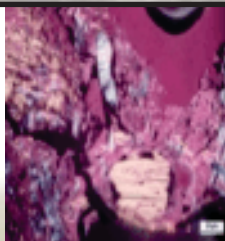
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On Line ISSN 1445-4858

# News

## No 54 July 2012

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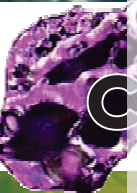


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### 63<sup>rd</sup> ICCP Meeting in Porto September 10 - 16, 2011

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*this*  
*issue*

**3/4** ed. / pres.

**5** minutes 63<sup>rd</sup> meeting

**12** commission minutes

**36** council minutes

**40** membership matters

**43** 64<sup>th</sup> meeting Beijing

**52** training courses

**62** accreditation

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International Committee for Coal and Organic Petrology (ICCP)

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## From the Editor

I joined ICCP in 1985 and have seen many changes to the organisation since that time. My first Council meeting was at Rio in 2000 when I was editor elect. It was an extremely useful experience as the ways of Council were mysterious in those days - agendas were not published, minutes of the Council meetings were not available and so on. Even though the workings of Council may still be obscure to those not directly involved, at least there have been many changes to help make it significantly more transparent.

Under the stewardship of Alan Cook, the agenda of the council meeting began to be regularly published well in advance - and not just the agenda but also the minutes of the meeting, along with resolutions passed. The meetings themselves became more open, with a standing invitation to any ICCP Member to attend if they so chose. The professional conduct of the Society was thus enhanced.

Persons who have not been involved in Council meetings will not understand the magnitude of these changes to the working of Council. All will know how Council meetings seem to drag on interminably - what on earth could they be doing for all that time? Another of Alan's innovations was to apply what he learnt in the university system about running meetings - that is, there is a set of well defined rules for running meetings.<sup>(1)</sup> A key point of these rules is that you have resolutions and that only discussion around the resolution is allowed. It provided a sense of order, direction and focus for the meetings.

Another key innovation was that the first Council meeting would finish in time for the Councillors to attend the ice-breaker reception. Newer members will not know that the ICCP Council used to be extremely elusive as they were always at Council meetings and simply not available. Publishing councillor's photos in each ICCP News also helped the council members to become more readily identifiable and thereby more accessible.

One unexpected (but nevertheless worthwhile) consequence of this greater transparency has been the more vigorous reactions of the membership to some of the decisions taken by Council. However, the outcomes have not always been desirable nor in the best interests of the society as a whole in my view. That said, it is an extremely healthy situation if members feel they can openly challenge decisions and do not feel dis-empowered by their elected Council.

Yes, there have been significant changes to the operations of ICCP Council in the past and there are more to come as we enter a new era of registration. Another change will be in the position of ICCP Editor. As has been noted in the past, the position is a continuing one. Nevertheless, it has been my practice to declare the position vacant every four years, in common with every other ICCP Council position. From my perspective, it is most important that renewal occurs and that no position should be for life.

I have now been in this position for 13 years and it is time to move on. It is time for a new photo in the Council gallery - how much younger I look there! As I note, the time I have had as Editor has been a period of great change within ICCP - and not just within Council but in many areas such as accreditation and the training programmes. These changes have been driven by an effective and dedicated Council. It has been a genuine privilege to be part of this body.

For those critical of Council, I invite you too to take some time to reflect over changes during the last 13 years - *vive la différence!*

With best wishes for the future

*Peter*

(1) Manger, E.S. (1994) Joske's Law and Procedure at Meetings in Australia. The Law Book Company Ltd. North Ryde, NSW. 192pp.

*Postscript: this issue of ICCP News is now very much out of schedule and some of the information may be out of date. The editor apologises to all involved for any inconvenience caused.*

### Institutional Members of ICCP



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## From the President

This time, the ICCP News is somewhat delayed, which is due to the heavy workload of a number of people who had to provide input to this Newsletter. I would like to apologize and hope that you will enjoy the information from the past meeting despite the delay.

The Porto Meeting was again a very successful meeting. It was for the first time combined with a well-attended training course on Dispersed Organic Matter and a two day field trip. You will find more details elsewhere in this Newsletter. Since the last meeting in 1998, the city of Porto became even prettier and the social program was remarkable. My great thanks go to all who have contributed to the successful organization of the event and especially to Chair of the Organizing Committee, Deolinda Flores.

The last few months were shadowed by the sudden death of the Past President Dr. Alan Cook. Alan was still very active and supported ICCP in different roles. We are trying to arrange for substitution but as you can imagine, this is not

really easy. With his passing away we have lost a great petrographer and will miss his input in many fields of ICCP activities. While working with Alan for many years as General Secretary was able to gain a lot from his giant experience. Alan was always available for advise and personally I miss him very much.


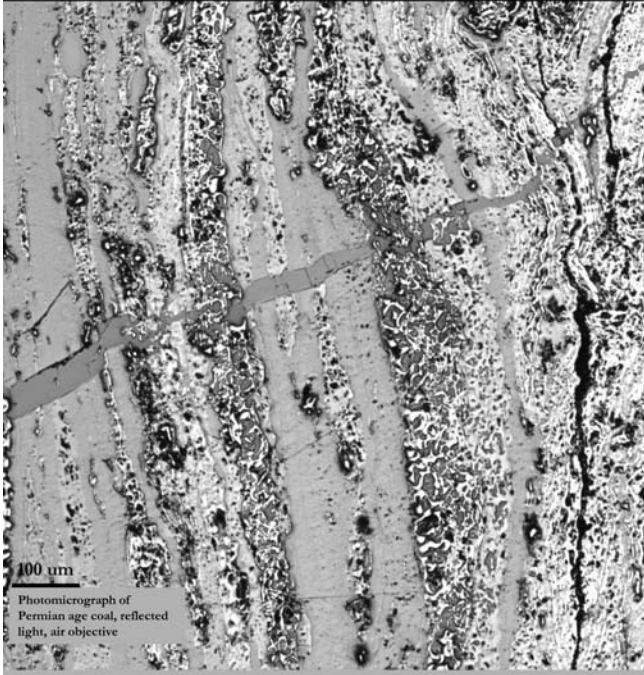
Recently I received the sad message that our dear friend Marko Ercegovac has passed away. He has been ill for some time, but those who met him in Belgrado in September 2011 can hardly believe that he had to go. Our thoughts are with Mirjama.

Another ICCP Training Course will be held in Brisbane, Australia in conjunction with the Geological Congress. More information is available in this Newsletter and on the ICCP Website.

Preparations for the next meeting in China are ongoing and detailed information is available at <http://www.iccp-tsop2012.org/>.

With best wishes  
Petra David  
ICCP President

**5th ICCP TRAINING COURSE**  
**ORGANIC PETROLOGY**  
 31 July – 3 August, 2012  
 Brisbane, Australia  
 Presented by Prof (em) Claus Diessel and Dr. Walter Pickel

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Photomicrograph of Permian age coal, reflected light, air objective

<b>Registration Fees</b>		<b>For further details or to register visit</b>	
Company/Professional	AUD\$1200	<a href="http://www.iccp.org">www.iccp.org</a> activities	
Government/Non profit	AUD\$ 800	Or contact DSc Henrik Petersen, VP of ICCP <a href="mailto:hip@geus.dk">hip@geus.dk</a>	
Full time students	AUD\$ 250	Prof Joan Esterle, host <a href="mailto:j.esterle@uq.edu.au">j.esterle@uq.edu.au</a>	



Marko Ercegovac (left) and Alan Cook (right), Belgrade, 2010

## Know Your Coal Petrologist #47



Also at Belgrade were .....??? Answer page 63

# Minutes of the 63<sup>rd</sup> ICCP Meeting Porto, Portugal September 10<sup>th</sup> – September 16<sup>th</sup>, 2011

Organized by: Department of Geosciences, Environment and Spatial Planning,  
Faculty of Sciences of the University of Porto

## GENERAL COURSE OF THE MEETING

The 63<sup>rd</sup> meeting of the ICCP took place in Porto (Portugal) from 10<sup>th</sup> to 16<sup>th</sup> September, 2011. The chair of the organizing committee was Deolinda Flores and a significant number of well-known ICCP members: Manuela Marques, Bruno Valentim, Joana Ribeiro, Sandra Rodrigues, shared the organisational tasks along with a good crew of students and co-workers.

Activities started on Saturday morning with a Council Meeting at 8:30 in the dependencies of the Faculty of Sciences. The structure of the meeting started with the excursion, a different schedule to the typical ones occurring in the ICCP Meetings, to allow the participants in the ICCP Course, held the previous week, to join the excursion. The sessions of the Meeting were held in the room A1 of the Faculty of Sciences and the posters and microscopes exhibitions and meeting secretariat were located in the nearby "Sala de Exposições". The session started on Monday morning with the welcome words of the Chair of the organizing committee and was followed by a key note lecture presented by João Nuno Mendes from GalpEnergia entitled "Petroleum exploration in ultra deep waters: the business, industrial and technological challenges" who gave as an overview of the expectations and future research needs in the world of ultra deep waters petroleum exploration.

After the coffee break, the first Plenary Session opened with the President Petra David in the Chair. A preliminary schedule for the meetings of the General Assembly of the ICCP in Plenary session was published in the ICCP News # 53. The schedule was slightly modified to postpone some topics not treated in the first Council Meeting and to include some relevant topics. The schedule for the Meetings of the General Assembly in the 63<sup>rd</sup> ICCP Meeting was as follows:

1. Apologies for Non-attendance
2. Minutes of Previous Meeting
3. Arrangements for Porto Meeting
4. Future Meetings
5. Membership
6. Elections
7. ICCP Status - Registration
8. Revision of Statues
9. Editor's Report
10. Financial matters
11. ICCP Accreditation program
12. ICCP Training Activities
13. Website
14. Short reports from the Commission Meetings
15. Short report from the Council Meeting
16. Thiessen Award
17. Arrangements for 2011 Meeting
18. Others

Topics 7 and 8 initially scheduled for the Opening Plenary Session were postponed and topics 13 to 18 were dealt with in the Closing Plenary Session

## 1. APOLOGIES AND OTHER ATTENDANCE MATTERS

*Helmut Jacob, Germany; Paul Lyons, USA; Harold Smith, United Kingdom; Georgeta Predeanu, Romania; Rosa Menéndez, Spain; Diego Álvarez, Spain; Javier G. Prado, Spain; Krystyna Kruszevska, Poland; Peter Crosdale, Australia; Wolfgang Kalkreuth, Brazil; Olga Patricia Gómez López, Colombia; Cornelia Panaitescu, Romania; Iwona Jelonek, Poland; Werner Hiltmann, Germany; Costel Nedelcu, Romania; Noe Piedad Sánchez, Mexico; Bhagwan D. Singh, India; Alpana Singh, India; Stephanos Papazisimou, Greece; Zuleika Carreta Correa da Silva, Brazil; Slawka Pusz, Poland; Kees Kommeren, Netherlands; Regina Schäfer, Germany; Barbara Kwiecinska, Poland; Antonis Bouzinos, Greece.*

As the Secretary of Commission III was unable to attend the Meeting Jolanta Kus was appointed to act as Secretary of Commission III and she kindly accepted.

## 2. MINUTES OF THE BELGRADE MEETING

The President asked the Plenary Session for confirmation of the minutes of the 62<sup>nd</sup> ICCP Meeting held in Belgrade, Serbia, as published in the ICCP News #51, which was approved as an accurate record of the meeting.

## 3. ARRANGEMENTS FOR PORTO MEETING

As part of the welcome words of the Chair of the Meeting a summary of the main features regarding the development of the meeting was provided.

## 4. FUTURE MEETINGS

### **2012 - Beijing, China**

A plan for the Meeting 64<sup>th</sup> Meeting to be held in China was provided by Shifeng Dai and presented at the Closing Plenary Session by Isabel Suárez-Ruiz.

### **2013 - Sosnowiek, Poland**

The 65<sup>th</sup> ICCP Meeting will be held in Sosnowiek, Poland. It will be a meeting organized in connection with TSOP having a common field trip and separate time for the respective sessions. Further information will be provided during the Meeting in China.

### **2014 - Invitation to India**

An invitation has been received to held the 66<sup>th</sup> ICCP Meeting in India. A preliminary schedule will be presented in the next ICCP Meeting.

### **2015 - Tete, Mozambique**

An invitation was received and accepted from Lopo Vasconcelos to organize the 67<sup>th</sup> ICCP Meeting in Tete, Mozambique. A presentation was made in Belgrade and further information will be provided in the forthcoming years.

## 5. MEMBERSHIP MATTERS

Two applications for Associate Membership and an application for Full Membership had been received during the year. One additional application for Full Membership was received during the meeting. All applications were recommended for acceptance and have been approved by the General Assembly. Four members have resigned.

### **5.1 Associate membership**

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

*Dr. Laura McParland* (A 1, 2) Australia  
(Introduced in ICCP News #52)

*Mr. Ricardo Ruiz* (A 1, 2, 3) Colombia (to be introduced)

A short introduction of the new associate members based on their applications and CVs was given to the audience. One of the new members has already been introduced to the membership in a previous ICCP Newsletter, as indicated in the list above. A summary of the profile of Mr. Ricardo Ruiz is given in Appendix 3.

### **5.2 Full Membership**

The following colleague was elected to Full Membership of the ICCP:

*Ms. Jolanta Kus*

*Ms. Elvira Barcelona*

### **5.3 Honorary Membership**

The following Member was awarded with Honorary Membership of ICCP in 2011.

*Prof. Dr. Krystyna Kruszewska*



Unfortunately Krystyna was not able to attend the meeting but a brief profile was presented to the General Assembly.

#### 5.4 Resignations

The following members submitted resignations during the year:

*José Pedro Fernandes*, Portugal

*Henie J. Roux*, South Africa

*Andreas Iordanidis*, Greece

*Petra Matysová*, Czech Republic

#### 5.5 Expiring Membership

Two members have lost their membership during the year 2011 (last year paid 2008).

#### 5.5 Other Losses

Two long standing members of the ICCP passed away during the year 2011: *Karl Ottenjann* having contributed to the development of organic petrology quantitative techniques and *Dr. Ida Volkova* working extensively with Russian organic rocks. A brief note was provided in the ICCP News #53.

Shortly after the Meeting, the past President of the ICCP and a very active member of the Institution, *Dr. Alan C. Cook*, passed unexpectedly away. He was attending the Porto Meeting and taught in the pre-meeting training course.

## 6. ELECTIONS

Elections for President and Vice-President were held in 2011. In addition the position for Honorary treasurer was re-confirmed for four years and the Chair of Commission III was automatically re-elected as no other candidates were proposed. The results of the elections were presented to the General Assembly. The full information comprising the report of the Returning Officer and the General Secretary are provided in Appendix 4.

The President of the ICCP for the next term will be ***Dr. Petra David***.

The Vice-President of the ICCP for the next term will be ***Dr. Henrik I. Petersen***.

The audience was informed that during 2012 the positions of General Secretary, Chair and Secretary of Commission I, Chair of Commission II and Secretary of Commission III will become vacant. In addition the position for Editor requires re-confirmation. Information was provided about the procedures for proposing candidates and the

audience was invited to think about suitable candidates for the positions which were proposed at the closing plenary session of the General Assembly.

Candidates for General Secretary: Council proposed Angeles G. Borrego as candidate for a second term as General Secretary of the ICCP. No other candidates were suggested from the floor and therefore she was automatically elected, the term starting at the end of the next ICCP Meeting.

Candidates for Chair of Commission I: Council proposed Deolinda Flores as candidate for a second term as Chair of Commission I. No other candidates were suggested from the floor and therefore she was automatically elected, the term starting at the end of the next ICCP Meeting.

Candidates for Chair of Commission II: Carla Araujo informed that she was not willing to stand for a second term as Chair of Commission II. Council proposed the present Secretary of the Commission, Paul Hackley, as Chair. No other candidates were suggested from the floor and therefore he was automatically elected, the term starting at the end of the next ICCP Meeting.

Candidates for Secretary of Commission I: Council proposed Stavros Kalaitzidis as candidate for a second term as Secretary of Commission I. No other candidates were suggested from the floor and therefore he was automatically elected, the term starting at the end of the next ICCP Meeting.

Candidates for Secretary of Commission III: Georgeta Predeanu will be accomplishing two turns as Secretary of Commission III and new candidates are required. Council proposed Dr. Magdalena Misz-Kennan and Dr. Cristina Rodrigues as candidates. Johan Joubert was proposed as candidate from the floor. Over 30 % of the Commission III members present in the audience supported his nomination. The three candidates accepted the nominations and elections will run during the year.

Candidates for Secretary of Commission II: The election of Paul Hackley as Chair of Commission II advanced one year the election of new secretary. Council proposed Jolanta Kus as candidate. The name of João Graciano Mendonça Filho was proposed from the floor as candidate but he did not

accept to stand for the position. Jolanta provisionally accepted to stand for the position, pending confirmation after returning to her work place. She accepted afterwards the position of Secretary. As single candidate she was automatically elected, the turn starting at the end of the next ICCP Meeting.

Candidates for Editor: This position has a different wording in terms of elections according with the statutes and Peter Crosdale has accepted to stay as ICCP Editor for an additional period of 4 years and was confirmed in the position.

Returning Officer: Harold Smith has been acting as Returning Officer of the ICCP in the last years but has informed that he might not be able to continue with this duty. He has indicated that will be ready to continue until ICCP finds a suitable candidate but he would like a replacement. The General Assembly thanked Harold Smith for the years of service and was asked to think about suitable candidates. Rudi Schwab was suggested and he accepted after the General Assembly to become the new ICCP Returning Officer.

### 7. REGISTRATION OF ICCP

During the year elections were held to select on the Registration of the ICCP and its jurisdiction. The General Assembly was informed on the results of the elections which were published in the ICCP News #53. The participation on the election process reached 51% of eligible members and the vote was in favour of registration, being Canada the selected jurisdiction. The main requirements according to the Canadian Law for a non-profit society are:

- i) As a non-profit society, there can never be any return (or profit) distributed to members only benefits that the Society may provide in the form of services. Question about which is the maximum amount of money in the account arose.
- ii) To apply, 5 or more initial members must sign the incorporation documents. They could be signed by Council
- iii) The members are not liable for the debts/obligations of the Society (in their capacity as members).
- iv) A British Columbian (BC) society must have a

registered office in BC and must maintain a records book at that office. At the moment it could be the treasurer but provision must be made for the future. It could be an external officer but amendments are required in the statutes to include the new officer.

- v) A society must have at least 3 directors, and one of those directors must be a BC resident. Again amendments in the statutes are required.
- vi) If a Society has fewer than 4 members for a period in excess of 6 months, the directors become liable for the debts of the society.
- vii) A special resolution of the Society requires approval by  $\frac{3}{4}$  of the members. Some legal advice is required about the kind of resolutions considered special to be included in the statutes.
- viii) A BC society must have at least one savings account at a BC financial institution.
- ix) A BC society must file a financial report with the Registrar once in each year; the Registrar (based on assets under control, number of members or public complaints) may direct that a Society is a reporting society, in which case the financial report must be audited.

Legal advice will be sought regarding some of the questions raised from the requirements of the Canadian Law.

### 8. REVISION OF THE STATUTES

This topic was briefly discussed in relation to the amendments that would be required as consequence of the registration of ICCP. In addition the Vice-President Lopo Vasconcelos has been dealing for years with the revision of the statutes which was always postponed waiting for a decision on registration. Lopo reminded the audience that a document containing comments on the actual statutes by Peter Crosdale, Lopo Vasconcelos, Kimon Christanis, Walter Pickel, Alan Cook, was published in the ICCP News #34 from 2005.

A draft of the statutes will be prepared comprising the new requirements of the British Columbia legislation for registration of a non-profit organization and the comments compiled in the ICCP News #34. The draft will be presented at the next Plenary Session of the ICCP and discussed. All the members are invited to review the statutes and the document published in ICCP News#34 and



provide comments for improvement in the statutes. *The comments should be addressed to Henrik Petersen (Vice-President of the ICCP) before the end of July 2012* in order to be taken into account in the discussion at the next ICCP Meeting.

## 9. EDITORS' REPORT

The Editor presented a summary of the 2010 report which is shown in Appendix 5. Members and in particular conveners of the working groups are encouraged to provide progress reports and contribute further to the ICCP News.

## 10. FINANCIAL MATTERS

The Honorary Treasurer presented the report of the 2011 economic affairs which is shown as Appendix 6. Accounts are in good shape.

## 11. ACCREDITATION

Deolinda Flores, chair of the Accreditation Sub-committee, presented an overview of the Accreditation activities in the year 2011. At the time of the meeting only the SCAP Accreditation Round was closed and both DOMVR and CBAP were facing considerable delays.

The Accreditation Sub-committee held a meeting on Tuesday after the daily sessions, which was attended the organizers of the three Accreditation Programs:

- Kimon Christanis - SCAP convenor;
  - Alan Cook - DOMVR convenor;
  - Isabel Suárez-Ruiz - CBAP convenor and;
- the Accreditation Sub-committee:
- Deolinda Flores - Chair and representative from Commission I;
  - Carla Araújo - representative from Commission II
  - Jen Pearson - The Honorary Treasurer;
  - Petra David - ICCP President and;
  - Angeles G. Borrego - past Chair of the Accreditation Subcommittee.

The meeting focussed on the discussion of some managerial aspects in order to improve the performance of the program and the new situation created by the delays in some of the programs. The ways to improve the handling of the DOMVR

program were discussed considering the specific difficulties related with accessibility to specific samples appropriated for this program. The Council agreed at the meeting on Wednesday 14<sup>th</sup> September that Angeles G. Borrego, who was previously chairing the Accreditation Subcommittee, would take over the coordination activities of DOMVR for an interim period and Alan Cook would be part of the Accreditation Subcommittee to assist with the selection of the samples and any improvements and advances in the procedures for evaluation. Unfortunately the unexpected death of Alan Cook will not allow to follow the initial plan and the Accreditation Subcommittee would try its best to ensure a smooth continuation of the DOMVR program.

## 12. ICCP TRAINING ACTIVITIES

Lopo Vasconcelos, coordinator of the ICCP training activities, presented the main developments during the year regarding the training activities of the ICCP. Since the last meeting in Serbia two training courses took place: one in May held at the Professional Development Hub of the University of Witwatersrand, Johannesburg, South Africa, devoted to organic petrology with Gondwana favour. The fourth course was held in the Department of Geosciences, Environment and Spatial Planning of the University of Porto, Portugal, prior to the Annual Meeting, and focused on Dispersed Organic Matter (DOM). A comprehensive report comparing the two courses celebrated was provided, including attendance, degree of satisfaction and broad economic information. The report is available in the website. The two courses held during the year were well attended, in particular the one held in connection with the ICCP.

## 13. WEBSITE

This issue was dealt with at the closing plenary session of the General Assembly of the ICCP in which the President presented a proposal from Ralph Delzepich for a new layout of the ICCP Webpage. The layout is simpler and accord with new trends in webpage layouts. Some of the functionalities of the new webpage will be

- Online registration for ICCP Accreditation Programs according to given information. All entries will go into an Excel sheet that will be permanently updated. Requirements of this registration form and functionality have been provided
- Example for membership application was shown. On-line registration for the ICCP courses would be possible.
- Online payment facilities for ICCP downloads and products would be explored. This could also be used for membership fees.
- Request - since registration will take place in Canada, legal advice is needed for disclaimer and all and all other relevant information for internet payment procedures
- Counters for the visits to different sub-pages and download material would be included.
- The webpage should be able to produce a printable version of the ICCP directory.
- Possibility of submitting a message to ICCP membership with whatever information required would be available.

The new layout for the ICCP webpage was approved by the General Assembly.

### **14. REPORT FROM THE COMMISSION MEETINGS**

Reports of the meetings of the Commissions were presented during the Closing Plenary Session on Thursday, 15<sup>th</sup> September by Deolinda Flores (Chair of Commission I), Carla Araujo (Chair of Commission II) and Isabel Suárez-Ruiz (Chair of Commission III). The minutes of the Commissions are presented in Appendix 1.

The chairs were invited this year to make as brief as possible the minutes of the Commissions for the General Assembly and their effort to accomplish this was greatly appreciated. The President congratulated Chairs, Secretaries, and Convenors of the three Commissions for their continuous work. Again, they performed extremely well and the results achieved during the year were remarkable. The president noted that this is only possible because members actively participate in the round robin exercises and especially encouraged the new members to take part in the different Round Robin exercises.

### **15. REPORT FROM THE COUNCIL MEETINGS**

The minutes of the Council Meetings comprising the resolutions which were adopted at the Meeting are given as Appendix 7. Most of the issues discussed were presented to the General Assembly in their respective topics.

### **16. THIESSEN AWARD**

The General Assembly was informed that at the time of the meeting the Thiessen Award Committee was re-established and that substantial correspondence occurred between the Committee and Council on the guidelines for Thiessen Award. A few details were pending clarification but both the Council and the Committee are confident that full agreement will be shortly achieved.

### **17. ARRANGEMENTS FOR 2012 MEETING**

The presentation for the meeting in China was made by Isabel Suárez-Ruiz, TSOP President, on behalf of the organizers in the Closing Plenary Session. The meeting is scheduled from Friday 14<sup>th</sup> September to Saturday 22<sup>nd</sup> September and comprises a three days field trip from 20<sup>th</sup> to 22<sup>nd</sup> September in the Kuming area including the visit to an ancient Chinese Garden, the Stone Forest, the Yunnan Coal Geology Museum and the open cast mine Xiao-Long-Tan. After the Field trip the TSOP meeting will be held.

### **18. OTHER**

Make available training material. The material derived from the training course held in Porto in 2012 was nicely printed by the organizers. Many requests were received to make this material available also for non-attendants to the course. A price of 75 Euros was established for the printed version and 50 Euros for the electronic version.

The Closing Plenary session of the ICCP General Assembly finished thanking Deolinda Flores, Manuela Marques, Bruno Valentim, Joana Ribeiro, Sandra Rodrigues, Cândida Garcia and the other

members of the organizing committee including Paula Gonçalves, Anabela Costa and the undergraduate students of the Geosciences Department for a perfectly organized meeting in which they took any action to meet our needs. The meeting run smoothly throughout the week.

### **SOCIAL PROGRAMME AND FIELDTRIP**

An intensive social program took place including a one and half day field trip to Peniche to investigate the Lower Jurassic of the west coast of Portugal. The field trip was conducted by Luis Duarte and Ricardo Silva (Coimbra University), and João Graciano (Federal University of Rio de Janeiro).

On day one (10<sup>th</sup> September) a sightseeing tour of Porto - Óbidos was made. Travel was then made to Peniche for dinner and overnight stay at Praia Grande Hotel.



The morning of day two was taken up with a visit to the Peniche peninsula. This is one of the most scenic and famous places of the Portuguese coast and where the most complete sequence of the Lower Jurassic of the Lusitanian Basin can be observed. The Lower Jurassic of Peniche is a succession of carbonates of marine origin,

illustrating organic-rich hemiplagic facies (black shales) and turbidite deposits. The Pliensbachian succession (Vale das Fontes Formation) of Peniche has been the most studied area of the Lusitanian Basin for potential hydrocarbon generation. In addition, the Lower Jurassic of Peniche is an international reference, because it is the only candidate to the Pliensbachian-Toarcian stratotype, still presenting great arguments on the oceanic anoxic event from the lower Toarcian.

After viewing these successions, we travelled to Nazaré for lunch. In the afternoon, we visited the Jurassic Calcareous cliffs of S. Pedro de Moel. Being the depocenter of the Lusitanian Basin, this sector of the basin shows the thickest succession of marl-limestone rich in organic matter, involving the Sinemurian (Água de Madeiros Formation) and Pliensbachian (Vale das Fontes Formation). This sequence has a set of other sedimentary geology structures, as unique examples of fossilized marine invertebrates.



*Field trip images by Paul Hackley*

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### **SUMMARY OF APPENDICES**

- Appendix 1** Minutes of the Commission Meetings
- Appendix 2** List of participants
- Appendix 3** New Members
- Appendix 4** Elections
- Appendix 5** Editor
- Appendix 6** Treasurer
- Appendix 7** Council

## Appendix 1 - Commission Minutes

### **Minutes of Commission I** **General Coal and Organic Petrology** **63<sup>rd</sup> ICCP Meeting Porto** **13<sup>th</sup> and 14<sup>th</sup> September, 2011** *Chair: Dr. Deolinda Flores* *Secretary: Dr. Stavros Kalaitzidis*

#### **Opening remarks**

The commission I meeting was held on Tuesday afternoon and Wednesday morning and attended by 34 and 30 members, respectively. The Chair outlined the programme for the sessions and presented a short overview of the Commission's activities during the last year, including a short report for the information available on the ICCP webpage <http://www.iccop.org/index.php?id=19>. Peter Crosdale informed Commission I that he will not attend this year's meeting and that no activities took place for the Suberinite WG.

Commission's I session continued with the presentations of the following WG's:

- ICCP Training Program
- SCAP - Single Coal Accreditation Program
- Standardization Working Group
- Reflectance Standard
- Peat Petrography Working Group
- New Methodologies and Techniques in Organic Petrology WG
- Petrographic Image Database
- New Handbook Editorial Group
- Raman Spectroscopy Editorial Group
- Oxidation Editorial Group
- Liptinite Editorial Group
- Microscope session

#### **ICCP Training Program**

*Coordinator: Lopo Vasconcelos*  
*Convenor: Nikki Wagner*

The reports of the last two ICCP courses in South Africa and Portugal were presented during the General Assembly on Monday 12<sup>th</sup> of September. During Com I meeting Lopo presented in detail the evaluation comments from the participants of the four in total ICCP Training Courses that were

conducted till now.

In summary the main comments were grouped into four categories:

#### 1. General Organization

- Conduct courses in a more "workshop" style with fewer participants.
- Shorter teaching sessions per day; with frequent 10 minutes breaks.
- Might work better if theoretical and practical sessions are separated, i.e., 2 days dedicated to theory and 2 days dedicated to practical sessions.
- The duration of the course on Dispersed Organic Matter was short for the range of topics selected to cover.
- Good range of topics covered in the lectures.

#### 2. Theoretical Sessions

- Include more information about applications of petrology, particularly in the fields of coke quality and coking techniques.
- Provide more information about the ICCP handbook, by also focussing on ICCP maceral definitions, morphological features, etc.
- Provide more information about the ICCP Accreditation Programs.

#### 3. Practical Sessions

- Increasing duration of practical sessions with discussions on microscopic characteristics of the main macerals, typical aspects of them, as well as not easily identifiable macerals, point counting, sample preparation (hints & tips).
- Practical sessions can be better prepared and planned, the students should be more engaged and the samples for microscopic session should be more suitable for educational purpose.

#### 4. Topics Suggestions

- Application of coal petrography to coal exploration.
- Industrial applications of coal petrography.
- Include basic info on macerals for students new to petrology.
- Defining coal lithotypes in borehole logging.
- Alteration of coal petrographic features due to the influence of igneous intrusions.
- Correlations between petrographical (i.e. Vitrinite reflectance and maceral analyses) and organic geochemical data.

The presentation triggered a very successful discussion, with plenty of new ideas and suggestions expressed that will be taken into account for the future Courses.

Members that have attended the Porto Course agreed that the course met their expectations, particularly in terms of organization and the quality of the handbook.

Petra David, Stavros Kalaitzidis and Ricky Pinheiro proposed the possibility of conducting Workshops on Organic Petrography, which will focus more on practical sessions and will be addressed to two different levels of experience: a Basic Course for beginners and an Advance one for people that already have worked in topics of Organic Petrography.

Petra also mentioned that for Practical courses, additional microscopes will be required, whereas Jolanta Kus referred to the advantage of working on student's samples.

Deolinda Flores and Angeles Borrego suggested that in case of not enough microscopes, the work can be done on photomicrographs. Dave Pearson suggested to videotape some of the Lectures for future references, whereas Walter Pickel commented that ICCP should avoid creating the impression of replacing the work done in Universities in providing Organic Petrography courses.

In general it was agreed that there is space to cover to improve the Practical Sessions so that the participants will get more benefits.

Additional decisions included:

1. The need to present clear the ICCP Publications related to Maceral Definitions, and to include them as published in the Course Handbooks.
2. It would be beneficial for the Participants to have the Course Handbook before the course.
3. ICCP Council to decide on circulating the Course Handbooks in the market.
4. Following the discussions in 2010 in Belgrade and for better coordination of this very significant ICCP activity it was decided that the ICCP Training will no longer be a WG of Commission I. Instead a **Sub-Committee of ICCP Training Activities** is established chaired by the ICCP Vice-President and composed from the Chairs and/or the Secretaries of the Commissions and active ICCP Members. It was agreed that during the transitional phase Lopo Vasconcelos will be a Member of the Sub-Committee. Within the year the ICCP Council will finalize a proposal on the makeup

of the Sub-Committee, which will discuss all the issues that rose from the Meeting.

At the end of the session Joan Esterle commented on the value of regional courses and she proposed to organize a Course in Australia for 2012 during the 34<sup>th</sup> International Geological Conference, on the topics of General Coal Petrology and DOM. Jolanta Kus also proposed a Course on European Source Rocks to be held in Poland during the ICCP Meeting in 2013. Henrik Petersen as the Chair of the Sub-Committee will also investigate the option of organizing ICCP Courses in China for 2012 and India for 2014.

Commission I would like to thank All the Members that contributed in this successful and very important ICCP activity and a special thank is addressed to Alan Cook, João Graciano, Claus Diesel, Lopo Vasconcelos and Nicky Wagner for their commitment in organizing the 2011 courses.

### **Peat Petrography Working Group**

*Kimón Christanis and Stavros Kalaitzidis*

There were no activities in this WG during the last year. Stavros presented a short overview of the exercises conducted within this WG for the period 2005-2008, and a summary of the results. At this stage the conveners are preparing a draft final report, which will incorporate the recommendations for the peat maceral nomenclature.

A draft definition of the terms Pre-textinite and Epiderminite has been presented as a base for further discussion within the WG:

- Pre-textinite: (variety of Textinite) represents fresh plant cell walls, rich still in cellulose (internal reflections in white light, significant fluorescence under blue light excitation). Often remains of the protoplasm can be observed.
- Epiderminite: epidermal cells (epidermis, outer cortex) of herbaceous plants; Reveals strong fluorescence in fresh stage; the inner part tends to degrade/gelify during humification/early coalification transforming to telohuminite, while the outer part is still recognized as cutinite.

The draft final report will be distributed by the end of 2011 to the WG members with the anticipation to present a final report at the next ICCP Meeting.

### **SCAP - Single Coal Accreditation Program**

*Kimón Christanis*

The Convenor presented an overview and some statistical results from the 2010 Programme, in

which the participants have to measure the following parameters:

- Vitrinite random reflectance (VR)
- Vitrinite content (VC).

The 2010 SCAP exercise was announced in February 2010. Invoices were sent out in March 2010 and the samples in April 2010; 6 block samples for the new participants in the program and 2 bulk coal samples for the continuation program. Deadline for submitting the results was October 2010 and the data were assessed manually during November 2010. Early December the participants were informed about their performance. No appeal was submitted to the Organizer. The certificates were sent to the accredited petrographers by end of the year. The list with their contact details was uploaded in the ICCP webpage on January 2011.

In total 107 analysts were registered in the 2010 SCAP from 47 laboratories located in 20 countries but only 105 participants sent results; 74 of the participants were continuing the program, whereas 31 were new entries. It is interesting to note that 50 participants are members of ICCP, whereas the remaining 55 are non-members.

For the first time SCAP obtained registrations from Austria, France, Slovakia and Russia. The geographic (concerning continents) distribution of the participants is as follows:

- Oceania 36 % (Australia 34, New Zealand 4)
- Europe 32% (Europe 32, Russia 2)
- America 18% (Canada 3, USA 11, Colombia 3, Brazil 2)
- Africa 10% (South Africa 10)
- Asia 4% (India 4)

In this Programme the Screening Method for Beginners was introduced, according to which after the initial evaluation, if the beginner is not accredited, the UMSD values are checked and: (a) if these values are always below 3SD, then the results are maintained in the database, (b) if one or more values are over 3SD, all the values from the participant are removed from the database and the results for the others are evaluated again after removing these results.

According to the evaluation 101 participants were awarded accreditation in VR and 4 failed, from which 2 Entries and 2 Continuing the programme. For VC from 103 applications, 97 were awarded accreditation and 6 failed, from which all were new Entries in the programme.

Kimon presented also some statistical evaluation of the SCAP focusing on the trends of the  $VR_{\text{mean}}$

and  $VC_{\text{mean}}$ , as well as their Standard Deviations during the last years. Although the changes are not significant, a reduced tendency of the absolute values of  $VR_{\text{mean}}$  and  $VC_{\text{mean}}$  and an increase of the  $VR_{\text{std}}$  and  $VC_{\text{std}}$  as the participants increased can be observed.

In the discussion that followed it was agreed that a more detail statistical analyses could be beneficial for ICCP to understand the impact of new entries without significant experience in coal petrography. Dave Pearson also commented on the possibility of not correct polishing of the samples particularly from beginners in the Programme, which could be a major factor for some of the failures.

Other issues that were mentioned and will be further discussed in the Accreditation Subcommittee was Kimon's suggestion to implement a Screening Method for all the participants, as well as to apply an electronic data submission via ICCP's webpage to limit manual entries in tables. The possibility of utilizing the new ICCP webpage for data submission will be investigated by Dirk Prinz.

The next exercise will be announced in February 2012 and the deadline for submitting results will be September 2012. It was agreed that the samples will be checked prior to distribution, to ensure that no contamination is present.

Finally, Kimon thanks the Members of the Accreditation Sub-Committee Deolinda Flores, Carla Viviane Araujo, Georgeta Predeanu and Kees Kommeren, the ICCP Treasurer Jen Pearson, Alan Cook, Angeles Gómez Borrego, Isabel Suárez-Ruiz and his students George Siavalas and Görkem Oskay for their valuable support.

Commission I thanks Kimon for his efforts managing the SCAP 2010 Exercise and also appeals to the ICCP members for suitable samples that can be used in the Programme.

### **Standardization WG**

*Walter Pickel*

Walter Pickel presented the results of the 2010 Standardization WG Exercise. The exercise included 47 images, annotated with 250 macerals that participants had to identify and record the data on an excel spreadsheet. The participants had to report the maceral-subgroups of the Vitrinite group. The round robin sample is a Permian bituminous coal from Queensland (Australia) of medium rank B-C (according to ISO 11760, formerly also known

as high volatile bituminous coal). The sample is from Gregory, Bowen Basin, German Creek Formation of late Permian (German Creek Seam). Twenty five participants from 10 organizations/companies conducted the exercise.

The exercise was very successful in terms of interest and usefulness as it is evident from the participants' comments. The images were of high quality and the particles to identify covered a wide range of identification properties. Negative points included the difficulty to identify details in some particles, since working with images, the advantage of racking focus up and down to assist diagnosis is lacking.

The results showed that there is still a lack of an acceptable level of agreement on the maceral-subgroups of Vitrinite. In a lot of cases the level of agreement, was less than 50% particularly in differentiating telo- and detro-vitrinite.

In order to test this Walter presented 5 images of the exercise to the attendants of the meeting and a live exercise took place. The objective was to compare between the results of the participants in the exercise and the opinion of the attendants in the room. From the 20 particles that were chosen to discuss, in 17 cases the majority of the attendants agreed with the prevailed identification made by the exercise participants and in 3 cases the attendants provided a different identification compared to the exercise participants.

Walter commented that these preliminary results reveal a biased mode related to the "Petrography School", under which each of the participants was trained. However, more results are needed in order to get a more comprehensive statistical evaluation. Hence all the members are encouraged to do the exercise in the following months and please contact Com I to get the files.

The files will also be uploaded in the ICCP Webpage and the interested members can download and perform the exercise. CDs are also available upon request from the Convenor (please e-mail: [walter.pickel@organicpetrology.com](mailto:walter.pickel@organicpetrology.com)). The extended deadline for the RIC 2010 exercise is January 2012.

Commission I thanks Walter for his dedication conducting the Standardization round robin exercises.

### ICCP Reflectance Standard

Walter Pickel and Carl Hilgers

The presentation started with a short reminder, that

by now, three ICCP Standards are available with Dave Pearson, Gerd Bieg and Walter Pickel. ICCP members can have their calibration standards checked against one of these standards free of charge (for address details see regular paragraph in the ICCP Newsletter). A detailed report has been presented and published in the ICCP Newsletter on the introduction of the ICCP Standard.

It is recommended that standards are checked by the lab that uses them on a regular basis. Problems may occur because the standards are not clean - something the three labs checking standards on behalf of the ICCP see quite too often to a degree that is beyond belief. Secondly scratches or tarnishing of the standard (mainly a problem with glass standards) can occur. In both cases, re-polishing is necessary.

A third possibility is that the standard loses its contact to the matt base to which it is glued (see ISO 7404/5 for details and Fig. 1, a sketch through a Klein and Becker standard). The reflectance changes when the standard is not firmly glued to the (black) ground or came lose over time. It is also not recommended to calibrate at the narrow edge of the standard (see fig. 1).

ISO 7404/5 (2009): *It is necessary that standards be carefully cleaned to avoid scratching the polished surface. If solvents are used to remove old oil, it is necessary to take care that the evaporation of the solvent does not leave a residue on the surface of the standard. Tarnishing can also occur with some standard materials, particularly glasses. When the surface becomes scratched, or when comparison with the other standards shows that the reflectance value has changed, polishing is necessary.*

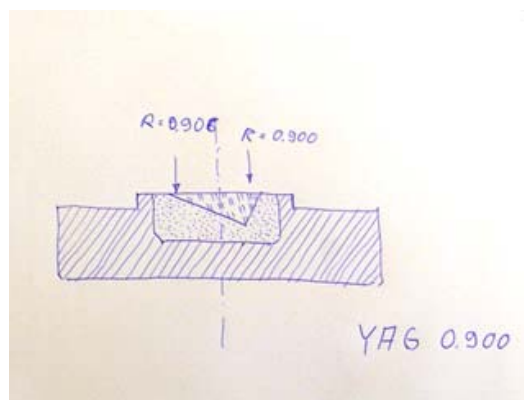


Fig. 1. Cross section through YAG Standard

Commission I acknowledges the efforts of Walter, Carl, David and Gerd in providing this very useful service.

**New Methodologies and Techniques in  
Organic Petrology WG**

*Lila Gurba*

Lila Gurba presented a summary of the up today activities of the New Methodologies and Techniques in Organic Petrology WG and the structure of the Handbook version. Lila reminded that this WG is not traditional in a sense that no annual exercises are performed. The objective is to present summary of research topics in the broader field of coal science in which organic petrography could be a significant input. All the relevant documents and presentations of the previous year's activities, including the first version of the New Methodologies and Techniques in Organic Petrology White Paper, are available from the ICCP webpage.

For this year Lila presented a summary of selected papers dealing with Shale Gas that were presented in the 2011 TSOP Meeting in Halifax, Nova Scotia. Shale News: *"What new technologies, techniques and strategies will unlock additional unconventional gas reservoirs?"*. The topics discussed included:

- *'Understanding shale microstructure is crucial'* - Many important petrophysical properties of shales are dictated by their microstructure; our scientific knowledge how gas is stored and transported through shales remains limited (Curtis *et al.*);
- *'Revolutionary understanding of shale resource systems'* - Gas storage in shales is aided by development of organic porosity, i.e. porosity in nanopores due to organic matter decomposition (Daniel Jarview);

The objectives of the presented papers included the investigation of the structure of gas shales on the nanoscale by using Scanning Electron Microscope, Scanning Transmission Electron Microscope, Focused Ion Beam, Ultra-high-resolution small-angle neutron scattering and General Purpose Small-Angle Neutron Scattering Diffractometer (papers presented by Curtis *et al.*, Brian Cardott; Daniel Jarview; and Leslie Ruppert *et al.*); Standardization of Rock-Eval analyses.

Lila commented that many important petrophysical properties of shales are dictated by their microstructure and that in a lot of the studies neither the types of organic matter (i.e. kerogen and bitumen) were identified nor the variations of porosity by maceral type and thermal maturity.

Hence, there is a significant gap that ICCP members can fill with their expertise on organic petrography.

A more detail description of the papers including author's details are available on the ICCP Commission I webpage.

Regarding the **New Methodologies & Techniques in Organic Petrology Editorial Group**, Lila presented a draft layout of the chapter to be included in the Handbook. There was no significant progress during the last year, apart from updating the chapter on Fourier Transform-infrared Spectroscopy (FTIR), which was also presented. During the discussion that followed Lila asked for members to participate in the WG by assisting in compiling information, particularly in subjects related to porosity and shale gas.

Joan Esterle, Thomas Gentzis, Maria Hamor-Vidó and Ivana Sýkorová expressed their interest to participate.

Commission I thanks Lila for her presentation.

**Petrographic Image Database**

*Johan Joubert, Paddy Ranasinghe  
and Daniel van Niekerk*

Johan Joubert presented the developments of the Petrographic Image Database WG. A stand-alone prototype database using the preliminary structure was presented in this meeting and for the near future the group will work towards the incorporation of the database in the new ICCP website and setting up permissions for administrative rights. Technical issues regarding the searching criteria need also to be solved. Additionally, the searching criteria will expand to cover more information, e.g. coal types, maceral types etc. Decisions are still pending regarding the restrictions or not concerning the access in the database as well as copyright issues.

During the discussion it was decided that:

- The database will be uploaded on the restricted part of the ICCP webpage;
- Only ICCP Members will have the right to upload images to the database;
- Free download permit to ICCP Members;
- Copyright restrictions, with relative information embedded on photomicrographs.

A panel from the 3 ICCP Commissions will be established within the Group to discuss the following issues:

- Checking of images prior to publish in the



- database;
- Create a panel from Chairs/Secretaries of Commissions for checking;
  - Propose a method for the database to be available to the general public.

Notification regarding the functionalities of the database, as well as the required information for the submitted images will soon be available in the ICCP webpage and the members will be requested to start submitting images.

Commission I thanks Johan, Daniel and Paddy for their efforts.

### **New Handbook Editorial Group**

*Ivana Sýkorová, Isabel Suárez Ruiz & Kimon Christanis*

Ivana presented the progress of the Editorial Group and the work that remains to finalise the Handbook. A summary of the state of the revisions is described below:

#### **1. Revised chapters**

- Hydrogenation residues definitions (Chapter 8.1)
- TEM microscopy (Chapter 7.12)
- SEM microscopy (Chapter 7.13)
- Graphite, Semigraphite, Natural coke, Natural char, Pyrolytic carbon
- Other terms (Chapter 9)

#### **2. Revised and formatted chapters** (will be uploaded to ICCP webpage by the end of the year)

- Lithotypes in low- and high-rank coals (Chapter 3)
- Inertinite (Chapter 5.4)
- Definitions (Chapter 2)
- Huminite (Chapter 5.2)
- Vitrinite (Chapter 5.1)

#### **3. Chapters in Progress**

- Introduction (Chapter 1)
- Microlithotypes (Chapter 4)
- Liptinite (Chapter 5.3)
- Classification of DOM (Chapter 6)
- Methods (Chapter 7)
- Coal Utilisation (Chapter 8)
- Other terms (Chapter 9)
- ICCP services (Chapter 10)

The chapter of Lithotypes was presented in detail and it will be available on the website for comments.

During the discussion that followed Kimon commented that there is a need to agree how "in depth" the revision should be, since some chapters

require significant changes. Joan Esterle also commented to incorporate the new International Coal Classification.

Petra David proposed to publish the currently available material as it now is, in electronic format (CD), since there is a need for ICCP to have an updated version, and as soon as the revision is finalised, the hardcopy version can be published. It was decided to have a draft electronic version ready in the next ICCP Meeting. The convenors will upload the chapters in the webpage and inform the members to comment, as well as to submit suitable new photomicrographs to be included in the handbook. Additionally ICCP Members will be approached for assisting in writing and revising certain sheets.

Commission I thanks Ivana, Isabel and Kimon for their significant efforts in finalizing this very important ICCP publication.

### **Raman Spectroscopy**

*Barbara Kwiecinska and Sandra Rodrigues*

Sandra gave a presentation on Raman Spectroscopy and its applications on coal studies as a New Methodology to be incorporated within the New Handbook.

The structure of the proposed chapter was outlined as follows:

1. General aspects
2. Raman effect: Basic theory and principles
3. Advances in Raman instrumentation
4. Raman in carbonaceous materials- Focus on coals, semi-graphite and graphite
  - 4.1. Literature review
  - 4.2. Raman spectra and curve fitting
  - 4.3. Raman parameters

It was decided that this Methodology can be part of the New Methodologies and Techniques in Organic Petrology WG, and Sandra will provide the chapter following the layout established under the WG.

Commission I thanks Sandra and Barbara for their presentation.

### **Oxidation Editorial Group**

*Jolanta Kus and Magdalena Misz-Kennan*

Jolanta presented the progress of the Oxidation Editorial Group along with the final draft version of the chapter.

During the last year the Group assembled publications on the subject of aerial coal oxidation focussing on:

- *in situ* naturally weathered/oxidised coals in outcrops, at mining faces, stock piles, etc;
- laboratory oxidised coals at a temperature of up to 250°C.

Jolanta expressed her gratitude to Nikki Wagner for supplying photomicrographs of weathered coals in discard coal piles, as well as to Andrea Wellermann, Brian Cardott and Angeles Borrego for providing publications on weathered/oxidised coals.

The document will soon be available on the ICCP webpage for comments for a period of 3 months. Members who could provide with more photomicrographs please contact Jolanta or Magda.

Jolanta also presented a draft version of the Pseudovitrinite chapter to be included in the Handbook.

However, since there is a previous work from Lila Gurba on the subject, it was decided that Lila and Jolanta will collaborate on finalizing the report within the year, to be presented in Beijing's Meeting.

Commission I thanks Jolanta and Magda for compiling the Final Draft of the Oxidation Chapter.

### **Liptinite Editorial Group**

*Walter Pickel*

The liptinite chapter as presented last year by Walter has been revised by Peter Crosdale and Jolanta Kus. The liptinite text and photomicrographs will be uploaded on the ICCP website so that members can comment on which images should be published and add additional ones. The Editorial Group will deal with the final edit.

Maria Hamor-Vidó commented that the classification of liptinites should be used only for describing coals, since there is another classification that applies to Dispersed Organic Matter. Walter pointed out that the four maceral group sheets are based on previous ICCP decisions designed to cover macerals in coals and dispersed organic matter. This issue and editorial details will be further discussed by the Editorial Group and between Commissions I and II.

Commission I would like to thank Walter, Peter and Jolanta for their work on the Liptinite chapter.

### **Microscope session**

Commissions I and II held a joint microscope session and a report is published as part of

Commission's II Minutes.

We would like to thank Carla Araujo, Alan Cook, Carl Hilgers and Walter Pickel for their contribution to the session.

### **Proposal of new Working Group**

At the end of the Commission I session, Thomas Gentzis proposed a new WG dealing with the Reflectance and Terminology of Zooclasts in old sediments. It was approved and agreed that Thomas will convene this WG and he will distribute the objectives and a work plan to Commission I members within the year.

As per final remark Commission I would like to remind the ICCP members to start using the Webpage since a lot of data and information from the WGs have been uploaded. The presentations of the Meeting will be also available soon in the secure area of the webpage. Commission I greatly acknowledges Igor Viegas for his support in updating the webpage.

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## **Minutes of Commission II**

### **Geological Applications of Coal Petrology**

#### **63<sup>rd</sup> ICCP Meeting Porto**

#### **September 14<sup>th</sup> – September 15<sup>th</sup>, 2011**

*Chair: MSc Carla Viviane Araujo*  
*Secretary: Mr Paul Christopher Hackley*

### **Wednesday - 14<sup>th</sup> September**

#### **11:50-12:00 - Opening address**

The opening address began with a welcome and update of the activities within Commission II, introduction to the working groups, and presentations of Commission II training material by Carla Araujo.

The Commission II meeting started at 11:50 in the Faculty of Sciences, FC2 building, Room A1 on Wednesday 14<sup>th</sup> September and was attended by 35 participants. Among the participants there were 15 members of Commission II.

#### **12:00 - 12:30 - Identification of Primary Vitrinite**

*WG (Convener: Paul Hackley)*

Paul summarized the activity of the WG since its

creation in 2008 and presented a new product that came from the working group. This was a new ASTM standard analysis method D7708-11 for dispersed vitrinite reflectance. The standard needs to have a precision statement and the discussion began with how the data should be generated and included for the precision. It was agreed that Paul would organize an internal ICCP round robin for the new standard, and that the data would be evaluated by ICCP before transfer to ASTM to include in the new standard as the basis for a precision statement.

Commission II congratulates Paul for his efforts and achievements in the WG.

**12:30 -13:00: Group Photo**

**13:00 - 14:00: Lunch Break**

14:20 - 14:40 - **Coal Bed Methane and CO<sub>2</sub> sequestration WG (Part I)**

*Convener: Lila Gurba*

Activities in this WG resumed this year. Lila presented the results of a questionnaire related to how coal petrography is used as a tool to study CO<sub>2</sub> sequestration into unmineable coal seams and for CBM. The questionnaire contained information about which aspects are of importance in CO<sub>2</sub> sequestration and CBM. Lila intends to recirculate the questionnaire for more contributions and will upload the results from the questionnaire that are already received to the Commission II website. Lila would like to compile publically available data related to absorption and other types of data related to CBM-CO<sub>2</sub> sequestration and additional volunteers are required to do this work. It is important that the WG avoid redundancies with work that has already been done both within ICCP and in the worldwide CBM and CO<sub>2</sub> sequestration community. The summary of this WG presentation was continued in Part II (see below) on Thursday, September 15th.

Commission II congratulates Lila for her efforts to address this important topic.

14:40 - 14:40 - **CBM WG**

*Convener: Peter Crosdale*

The Chair informed that the convener would be closing the activities of the CBM working group although it may be reactivated in the future if the possibility arose.

Commission II congratulates Peter for the past work in this WG.

14:40 - 15:15 - **Gas Shale Studies WG**

*Convener: Lila Gurba*

Lila gave an overview on the gas shale working group including that 17 ICCP members signed up for participation in the last meeting in Belgrade. She explained some aspects of shale gas exploration in the US, Poland, and Australia and emphasized that gas shale currently is a hot point among exploration and exploitation activities but there is no common definition for the term gas shale. She reiterated that the shale gas studies WG needed to characterize the term "gas shale" from the sedimentology, petrology, chemistry, temperature, pressure, and other types of data point of view. She presented a questionnaire for Commission II comments. The results of the questionnaire would have an outcome in the form of a Handbook. One important part is to provide guidelines for thermal maturity in shale gas characterization with a focus on the upper limit of maturity appropriate for commercial prospectivity. The discussion centered on that it is important to avoid redundancies with the other WGs in Commission II. The next step of the WG is to circulate the questionnaire to identify the critical issues in shale gas and how organic petrology can be applied. She explained that there may be some samples available to her that contain coal and DOM in the same section that could be used for a future round robin in this WG.

Commission II congratulates Lila for her efforts to begin activity in this WG.

15:15 - 15:45 - **Accreditation Program DOMVR**

*Organizer: Alan Cook*

Alan presented a summary of the important Dispersed Organic Matter Vitrinite Reflectance accreditation program. In 2010-2011, thirty-eight participants have registered for the accreditation exercise (7 new, 31 continuing). The samples for the 2010-2011 exercise were prepared for shipment in particulate form and were distributed after the Belgrade meeting. Most of the data are received but several analysts have yet to return data so the round cannot be finalized yet. He expects that the accreditation certificates could possibly be sent by October 2011.

Alan appealed to the assembly for more samples

- the DOMVR program is accepting all suitable samples - please contact Alan (mail to acc@ozemail.com) to contribute your sample. He indicated that all outcrop samples would be treated specially and quarantined prior to release into Australia.

There will need to be future discussions related to how to incorporate the new ASTM standard for DOMVR into the accreditation program.

Some problems in the past have included misidentification of suberinite and bituminite as well as confusion of inertinite with vitrinite. In addition, some analysts have identified low values for vitrinite where they should have been higher, including a low reflectance tail. Alan also noted a general problem that DOMVR results tended to be poorer if the  $R_o$  value is lower or higher than the 0.5-0.9% range.

Alan proposed that the next ICCP meeting should contain a time for DOMVR analysts to compare data sets generated from the Hilgers instruments that are in many labs now.

Commission II congratulates Alan for the work that has been done in the DOMVR Accreditation Program.

15:45 - 16:10 - **Identification of Dispersed Organic Matter**  
*Convener: Jolanta Kus*

Jolanta presented a review of activities of this WG in 2011. Jolanta has identified a set of samples with clearly identifiable bituminite. She compiled all of the materials necessary for a new round robin photomicrograph exercise on bituminite for these samples and uploaded them to the ICCP website. Some of the participants have already completed the exercise, which was to identify bituminite in the photomicrographs in the context of the current ICCP classification of bituminite. The deadline for the exercise is the end of October. The exercise will be to identify unlabeled bituminite in the photomicrographs, based on the analysts training and in the context of the ICCP definition of bituminite. Jolanta also proposed round robins for 2012 dependent on the outcome of the ongoing exercise. These could be on a higher maturity sample from the same basin, run a similar thermal maturity sample (compared to the current exercise) from a different basin, or use the sample from a previous bituminite round robin (the option preferred by the Commission).

Commission II thanks Jolanta for the very comprehensive work that has been done in the WG.

16:10 - 16:30 - **Classification of Dispersed Organic Matter WG, DOM Atlas**  
*Conveners: Vern Stasiuk,  
Carolyn Thompson-Rizer and others*

On behalf of the conveners Hamed Sanei presented the status of the DOM Atlas, which is based on the ICCP OM classification approved in 2003. A technical problem identified with previous copies of the CD was corrected and updated versions of the CD were sent to scientific reviewers for comments on the content. When the reviews are completed (by the end of October) they are to be sent to Isabel Suárez-Ruiz who will coordinate the production and distribution of new CDs with TSOP. The rights and income will be shared half-half between TSOP and ICCP.

Commission II congratulates the conveners for this very useful publication and thanks Hamed for delivering the update on the CD status.

*16:30 - 17:00 Coffee Break -Faculty of Sciences,  
FC2 building, "Sala de Exposições"*

17:00 - 19:00 - **Microscope Session - Commissions I and II.**  
Faculty of Sciences, FC2 building, A1 room

Commissions I and II held a joint microscope session thanks to the wonderful Hilgers microscope system provided and operated by Carl Hilgers. Carla Araujo demonstrated several Devonian shale samples which constitute a maturation trend and will be used in the thermal indices working group. Alan Cook provided a discussion of a tricky Jurassic sample from Australia which was used in a previous DOMVR accreditation round, and included suberinite disguised as detrovitrinite. Many analysts had reported the suberinite as vitrinite and measured the inertinite as vitrinite. A second sample from DOMVR was examined as well but this was one that had not yet been evaluated by analysts in the accreditation program. Walter Pickel presented the sample of Gregory coal that is currently being evaluated in the standardization round robin where there is some disagreement about which maceral is telo- and which is detrovitrinite. Stavros Kalaitzidis presented a glowing peat sample containing

pre-textinite and epiderminite. The microscope session concluded with a presentation from Carl Hilgers on new developments of the Fossil Diskus system for coal petrographic analysis including a facility to stitch many photographs together into a searchable map and a method to layer multiple photographs together so that the entire field is in focus.

### **Thursday - 15<sup>th</sup> Sept**

The Commission II program continued on Thursday 15th September in the morning. All together 31 participants attended where there were 15 Commission II members among them.

#### **08:50 - 09:10 - Reappraisal of the information from past Commission II Activities WG**

*Convener: Angeles Borrego*

Angeles presented a summary of past ICCP decisions which resulted in the idea to make available older documents generated over the years within Commission II. Angeles presented the reports which included many documents presented in past ICCP News and other summaries. She reviewed how her efforts at reappraisal had changed over the years 2006-2010. Documents of the previous WGs were confirmed and edited in uniform format and put onto the ICCP secure website with details of the reports. Complete original reports are available in the web page.

Reappraisal of data which have not been considered in the first consideration, e.g. chemical, Rock-Eval, fluorescence analysis data might continue in the future in new WG activities with a focus on the identification of components. Another future exercise possibility is to summarize the properties of the samples that were evaluated in the previous round robins in Commission II. Angeles will distribute a draft for comment of the layout in which the properties of the samples will be accumulated.

Commission II congratulates Angeles for her efforts at recovery and consolidation of the past work of Commission II.

#### **09:10 - 09:30 - Concentration of OM**

*Convener: João Graciano Mendonça Filho*

João presented a proposal for a new working group which has grown from the previous efforts of the working group. First, he summarized the activities of the WG over 2008-2010 and described the

samples which included Type I-II-III kerogens. The results of this activity were published in the International Journal of Coal Geology in 2010 as well as a reply to a comment on this paper in the journal. Spectral fluorescence measurements clearly indicated a higher maturity for kerogen concentrates than for whole rock thus revealing that fluorescence properties are affected by the acid maceration preparation procedures. The new working group will study samples from previous exercises to evaluate how the fluorescence spectra of the different components, e.g., lamalginite, telalginite are affected in samples prepared via kerogen concentration versus whole rock procedures.

Commission II congratulates João for the achievements of the OMCWG and for the paper publication with results already achieved by this WG.

#### **09:30 - 9:50 - Thermal Indices WG**

*Convener: Carla Viviane Araujo*

Carla presented the proposal for the last exercise of the thermal indices working group which is to evaluate a maturation series from Devonian shales in the Appalachian Basin. She also presented some results from an older exercise on Toarcian samples from the Paris Basin. The samples for the new exercise are from core and cuttings from wells and there is only enough material for four sets of samples, which are to be divided between Europe, North America, Oceania, and South America. The samples are from the Huron Member of the Ohio shale and constitute a natural maturation series. Approximately 20 ICCP members have already indicated their interest in participating in the new exercise which will consist of spectral fluorescence measurements and vitrinite reflectance. The samples are very well suited for the exercise and provide plenty of material for measurement. Carla presented series of photomicrographs of Tasmanites at progressively higher rank illustrating the decrease in fluorescence intensity, shift in fluorescence color, development of bright spots in certain locations of the algal body, and shrinkage at the margins of the cyst. The participants have until the end of December 2011 to submit results which Carla will present next year at Beijing and which she intends to summarize in a peer-reviewed manuscript. Bruno Valentim made some comments about the potential to apply micro-laser Raman spectroscopy within this working group and Carla

suggested that this is a possibility which could be developed further.

Commission II thanks Carla for the comprehensive work done previously by this WG and the proposal for the last exercise.

09:50 - 10:15 - **Environmental Applications of Organic Petrology WG**  
*Convener: Hamed Sanei*

Hamed reviewed the activities of the WG over the years and presented the Atlas of Anthropogenic Particles which was developed by previous efforts of the WG. The environmental application of the Atlas is broad and one possible direction to take in future working group activities is to focus and develop specific aspects. Another possibility is to broaden the material in the Atlas to include more international localities. Several other aspects for improvement were also suggested including new references and case study reports. Hamed discussed that several ICCP members had recently contributed such references and papers for data compilation and presented a table which summarized their contributions. Hamed thought that in the future the data compilation could be the way forward for the environmental applications of organic petrology and suggested that the WG should be closed. Instead of a WG, this would be a dynamic database included on the ICCP web site. Commission II thanks Hamed for the work done by this WG.

10:15-11:00 *Coffee Break. Faculty of Sciences, FC2 building, "Sala de Exposições"*

11:00 - 11:25 - **Dispersed Organic Matter in sedimentary rocks**  
*Convener: Maria Hamor Vidó*

Maria summarized the efforts in this working group which began in 1997. The overall goal is to develop a handbook or white paper discussing dispersed organic matter in sedimentary rocks. The current version is six chapters with 63 pages and includes information on sedimentary rock classification, identification and thermal maturity, among others. The reference list needs be completed; no photomicrographs will be included. The final edition of the white paper will be ready in November and uploaded to the ICCP Commission II website. Maria requested volunteers from the

Commission for review and editorial comments before the white paper would be submitted for peer review in a journal such as the International Journal of Coal Geology. Walter Pickel, Joan Esterle, Henrik Petersen, Stavros Kalaitzidis, and Ivana Sýkorová offered to be the ICCP reviewers of the white paper which would be returned by June 2012. Lila Gurba offered to help with the zooclast section of the white paper.

Commission II thanks Maria for her efforts to bring this product to completion.

11:25 - 12:00 - **CBM and CO<sub>2</sub> Storage WG (Part II)**  
*Convener: Lila Gurba*

Lila described a recent Atlas product that included the application of coal petrology to CO<sub>2</sub> storage in geologic reservoirs. She described several of the key parameters that are necessary to determine the ability of the coal seam to store gas. Lila also presented some data on the adsorption isotherms for CO<sub>2</sub> and CH<sub>4</sub> on Australian coals. She described the questionnaire that will be circulated for this WG and referred to the compilation of data and information that will be necessary. Lila asked for more volunteers from the Commission to join the working group. As one focus, Lila suggested that cleating, coal type, and coal rank could be evaluated with respect to adsorption isotherm data. An initial effort will be directed towards the understanding of CO<sub>2</sub> and CH<sub>4</sub> adsorption data through the compilation of the available adsorption isotherms in the literature. Cristina Rodrigues requested that the working group should focus on one particular aspect of this analysis and Thomas Gentzis asked that coal swelling also be considered. The results of the literature evaluation will be presented at the meeting in Beijing and materials for the WG will be accumulated on the ICCP website by Lila.

Commission II thanks Lila for the presentation of this WG.

11:30 - 12:00 - **Discussion on new proposals for Working Groups and Closing Remarks**  
*Carla Araujo and Paul Hackley*

The Chair and Secretary thanked all WG conveners and participants for their achievements. Commission II encourages all WG conveners to submit papers on WG achievements for publication

in peer-reviewed journals such as the International Journal of Coal Geology as well as to upload reports and products of the WG to the ICCP Commission II website. An invitation for new working group proposals was issued and Isabel Suárez-Ruiz made a presentation to propose a new working group on palynofacies. Since palynofacies is such an integral part of organic petrology it is necessary to better integrate this work into the efforts of the ICCP. Isabel suggested that João Graciano Mendonça Filho would be a great convener and he accepted. Many others were interested and a sign-up list was circulated. Isabel described some objectives for the WG including standardization, and the production of an Atlas document that would supplement the Tyson volume, but with many images. Henrik Petersen suggested that the same samples evaluated by traditional organic petrology techniques should also be evaluated in the palynofacies working group. Carla reminded the Commission that proposals for new working groups could be circulated to the Chair or Secretary at any time during the year and that it was not necessary to propose a new working group only during the meeting.

Commission II was concluded at 12:00 with an invitation to see everyone next year in China.

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**Minutes of Commission III**  
**Industrial Applications of Coal Petrology**  
**63<sup>rd</sup> ICCP Meeting Porto**  
**September 10<sup>th</sup> – September 16<sup>th</sup>, 2011**  
*Chair: Dr Isabel Suárez-Ruiz*  
*Secretary: Dr Georgeta Predeanu*

The meeting of the Commission III took place on September 12, 2011 and on September 13, 2011. The convener of the Commission was Isabel Suárez-Ruiz and Magdalena Misz-Kennan was acting as a secretary in the absence of Georgeta Predeanu.

At the beginning Isabel Suarez-Ruiz presented the aims and past activities of all seven active working group and one Accreditation Program. She also discussed an extinguished Working Group on Application of Reflectance to Estimate Structural Order. The Working Group was closed in 2010 and the convener was Sławka Pusz.

Next Isabel Suarez-Ruiz presented Heicke

Eickhoff letter and asked her for making comments. As Heicke is currently busy, it was suggested Lauren Johnson as a possible convener. Also revision of the aims of this WG was suggested to make them easier obtainable.

Next Automation Working Group was presented by Isabel Suarez-Ruiz instead of Barry Jenkins who was absent. It was decided that the working group will be closed if there be no participants in next one or two years.

Cristina Rodrigues presented results from the Round Robin Exercise on Improved Image Analysis that was carried out in 2011. The cleat system has to be analyzed in many different boreholes and the regional stress has to be taken into account. When there is a talk about coal, it is necessary to think about maceral composition and stress.

The report from Accreditation Program on Coal Blends was presented by Isabel Suarez-Ruiz. She discussed the problems she had with evaluation of the results. It was suggested to encourage people to keep deadlines and properly fill tables. One month should be given to participants of CBAP to complete the tables. Samples will be sent to potentially interested participants as test and to give them an idea what is CBAP.

The first report on September 13, 2011 was from the activity of Carbon Materials Working Group that was presented by Angeles Borrego instead of Georgeta Predeanu and Cornelia Panaitescu who were absent. It was remarked that some of these textures are similar as in natural cokes. Care should be paid on statistics and a better way of results presentation should be found.

Then Bruno Valentim presented the previous activity of Identification and Petrographic Classification of Components in Fly Ash Working Group. He prepared a Round Robin Exercise based on 25 slides that was given to all people present during meeting. The slides represented various textures and forms that were shown in his presentation.

The activity of the Gasification Working Group was discussed. Despite of little activity in this working group, it was decided that the group will continue.

Magdalena Misz-Kennan presented results of the activity of Self-heating in Coal and Coal Wastes Working Group were presented. A modified classification of organic forms in coal wastes that undergo self-heating was proposed. It was also proposed that the modified classification together

with short Round Robin Exercise that will include 20 pictures, will be sent to participants by the end of November 2011. The activity of this Commission finished with discussing opportunities for new working groups. A new Accreditation Program on Structural Order was proposed. It was considered to make it as another part of SCAP participants.

A proposal for liquefaction products working

group was discussed but with little interest from ICCP members, it was decided that there is no need for this working group.

Isabel Suarez-Ruiz reminded that Joan Esterle suggested a new working group on classification of natural cokes. Natural coke will be included in the Self-heating Working Group. Ashok Singh promised to support the convener of this working group.

Minutes of the 63<sup>rd</sup> Meeting of the International Committee for Coal and Organic Petrology (ICCP)  
September 10<sup>th</sup> – September 16<sup>th</sup>, 2011, Porto, Portugal

## Appendix 2 - List of Participants

Name	email	Country	Group Photo ID #
Takehiro Aizawa	aizawa_t@cc.hirosaki-u.ac.jp	Japan	
Carla Araujo	carla@petrobras.com.br	Brazil	47
Elvira Barcelona	Elvira.Barcelona@ap.weatherford.com	Australia	2
Harald Behl	Harald.Behl@Spectro-Tec.com	Germany	5
Barbara Bielowicz	bielowicz_barbara@go2.pl	Poland	4
Ana Marisa Calh�a	marisa.calhoa@petrobras.com	Portugal	
Vongani Chabalala	vongani.chabalala@inspml.co.za	South Africa	7
Nandita Choudhury	nanditafri@yahoo.com	India	53
Kimon Christanis	christan@upatras.gr	Greece	34
Alan Cook	alancook@ozemail.com.au	Australia	52
Anabela Costa	anabela.amt@gmail.com	Portugal	44
Petra David	petra.david@wintershall.com	Germany	42
Luis Duarte	lduarte@dct.uc.pt	Portugal	
Heike Eickhoff	heike.eickhoff@thyssenkrupp.com	Germany	
Joan Esterle	j.esterle@uq.edu.au	Australia	49
Rudy Felix Ferreira	rudy@petrobras.com	Brazil	
Deolinda Flores	dflores@fc.up.pt	Portugal	13
C�ndida Garcia Neto	cgarcia@fc.up.pt	Portugal	12
Thomas Gentzis	thomas.gentzis@corelab.com	USA	50
Maria Doina Ghiran	maria.ghiran@petrom.com	Romania	
Angeles G�mez Borrego	angeles@incar.csic.es	Spain	41
Paula Gonalves	paula.goncalves@fc.up.pt	Portugal	8
Adri� Guerrero	angeles@incar.csic.es	Spain	21
Lila Gurba	l.gurba@unsw.edu.au	Australia	35
Paul Hackley	phackley@usgs.gov	USA	43
M�ria H�mor-Vid�	vido@elgi.hu	Hungary	11
Antje Heymann Hilgers	info@hilgers.com	Germany	32
Carl Hilgers	info@hilgers.com	Germany	33
Ruth Hinrichs	ruth.hinrichs@ufrgs.br	Brazil	
Lauren Johnson	Lauren.Johnson@alsglobal.com	Australia	
Johann Joubert	johan.joubert@sasol.com	South Africa	38
Stavros Kalatzidis	stkalaitzidis@gmail.com	Australia	40
S�womir K�dzior	slawomir.kedzior@us.edu.pl	Poland	19
Jolanta Kus	J.Kus@bgr.de	Germany	27
Veneranda L�pez Dias	veneld@incar.csic.es	Spain	26
Manuela Marques	maarques@fc.up.pt	Portugal	14
Jo�o Graciano Mendona Filho	graciano@geologia.ufjf.br	Brazil	
Daniel Mih�escu	danielcristian2000@yahoo.com	Romania	31
Magdalena Misz-Kennan	magdalena.misz@us.edu.pl	Poland	22
Raf�l Morga	rafal.morga@polsl.pl	Poland	16
Riza G�rkem Oskay	oskay@upatras.gr	Greece	36



Name	email	Country	Group Photo ID #
Sandra Rodrigues	sandra.rodrigues@fc.up.pt	Portugal	9
David Pearson	dpearson@coalpetrography.com	Canada	45
Jennifer Pearson	jen@coalpetrography.com	Canada	46
Richard Pearson	rpearson@coalpetrography.com	Canada	30
Henrik Petersen	hip@geus.dk	Denmark	18
Walter Pickel	walter.pickel@organicpetrology.com	Australia	29
Henrique Pinheiro	rickyp@rhld.co.za	South Africa	39
Nadi Poças Ribeiro	ribeironadi@gmail.com	Portugal	
Dirk Prinz	prinz@lek.rwth-aachen.de	Germany	
José Queirós	jose.a.c.queiros@gmail.com	Portugal	17
Dimitrios Rallakis	ral1989@otenet.gr	Greece	37
Julito Reyes	jreyes@nrca.gc.ca	Canada	
Joana Ribeiro	joanaribeiro@fc.up.pt	Portugal	
Elicia Riel	elicia.riel@uqconnect.edu.au	United Kingdom	20
Cristina Rodrigues	cfrodri@gmail.com	Portugal	23
Hamed Sanei	hsanei@nrca.gc.ca	Canada	
Mamta Sharma	mamtasharma17@rediffmail.com	India	48
Ricardo Silva	ricardo.cdv@gmail.com	Portugal	
Ashok Singh	singh_ak2002@yahoo.co.in	India	3
Łukasz Smędowski	lsmedowski@polsl.pl	Poland	
Isabel Suárez Ruiz	isruiz@incar.csic.es	Spain	10
Ivana Sýkorová	sykorova@irms.cas.cz	Czech Republic	1
Carlos Manuel Tejada Galicia	carlos.tejada@cfe.gob.mx	Mexico	15
Justyna Urbańczyk	jujuha@interia.pl	Poland	
Bruno Valentim	bvvalent@fc.up.pt	Portugal	28
Lopo Vasconcelos	lopovasconcelos@gmail.com	Mozambique	24
Angelika Vieth	angelika.vieth@gd.nrw.de	Germany	51
Dragana Životic	draganar@rgf.bg.ac.rs	Serbia	25

note: Group Photo ID #6 is Marcin Bielowicz

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September 10<sup>th</sup> – September 16<sup>th</sup>, 2011, Porto, Portugal

## Appendix 3 - New Members

Sr Ricardo Ruiz (A 1, 2, 3)  
Centro de Investigación Gmas  
Cll 62 No. 3 -24  
Bogotá  
Colombia  
Ph. +57-1-235 7568  
Fax: +57-1-235 7549  
mailto:rruiz@gmasltda.com



Sr Ricardo Ruiz has a B. Sc Chemistry Licenciante from Universidad Pedagógica Nacional and an M. Sc. in Geology Sciences from the Universidad Nacional De Colombia. His M.Sc. Thesis was on “Effect of Clay Mineral Type on Suppression Vitrinite Reflectance of Sediments in the Upper Magdalena Valley

(Colombia) and Corrections Possibles.” His training has aimed to address the problems of geology from the perspective of interdisciplinary work.

During the postgraduate training academic he has used coal petrography knowledge on topics such as maceral analysis, vitrinite reflectance measurements as well as qualitative and quantitative analysis of clay minerals by X-ray diffraction, scanning and transmission electron microscopy, differential thermal analysis, ion exchange capacity, etc. Tools that allow complement to get an overview about problems that may occur in geological exploration of natural resources. Work in these fields has ranged from the preparation phase of field sample collection, preparation of tenders, analysis and correlation of results.

## Appendix 4 - Elections

### Vote on Elections of ICCP President and Vice-President

#### Development of the ballots and Returning Officer Report

*Angeles G. Borrego, General Secretary of ICCP*

The 28<sup>th</sup> of April 2011 the ballots for electing the President and Vice-President of the ICCP were initiated with the deadline being established the 5<sup>th</sup> of August 2011. The vote was restricted to the Full Members who received the voting slips with the names of the candidates for President and Vice-President, the labelled voting envelopes indicating that they should not be marked in any

way and the pre-addressed envelope in which both the address of the Returning Officer and the address of the voting person were included. This additional effort in labelling was performed in order to avoid invalid votes typically resulting from marking the voting envelope that should remain unmarked or forgetting the remittent address in the returning envelope impeding to trace if the voting person had the right to vote. The procedure showed to be successful because according to the Returning Officer no invalid votes were received.

A document including the personal profile of each candidate and the vision of the position was accompanying the voting documents and are included below:

#### Petra David. Vision of ICCP Presidency

Dear ICCP members,

I accepted nomination for the position of President of ICCP for a second term. Since 2001, I have been involved in council activities as General Secretary and President and during these years a number of new developments were initiated and new procedures were achieved by ICCP council.

Within ICCP a wealth of experience and knowledge exists. More than 50 years of active research in all fields of coal and organic petrology makes this organisation outstanding. Standardisation of terminology, methods and procedures has traditionally been an important aim of ICCP - and it will continue to be one of the major tasks of ICCP in the future. This also includes the three successful ICCP Accreditation schemes.

While coal industry is largely decreasing in some countries, it is increasing in others like India, China, Indonesia, Bulgaria, Turkey only to mention a few. Traditionally ICCP only has few members from these countries, but we need to assure that we also actively inform and encourage people from these countries to join ICCP and/or use ICCP knowledge and standards.

Four years ago I mentioned a number of initiatives and activities, which I consider as important for the future positioning of ICCP. I am very glad that with remarkable support of ICCP council and ICCP members first steps have been set to achieve these goals.

- *Formalisation of ICCP*

The vote for ICCP registration was sent out earlier this year. The decision that ICCP should become a registered body will give legal status to the accreditation schemes and enables ICCP to maintain copyright of own products. The registration will require a revision of the statutes.

- *Standardisation*

The standardisation of terminology, methods and procedures including accreditation will continue to be one of the ICCP key activities. The work performed in the different Commissions ensures high quality of results. The three ICCP accreditation schemes are running well and continuously attract more participants. Nevertheless, when considering the geographical distribution of accredited petrographers, it is obvious that it will need more effort to attract additional participants especially from countries where ICCP is less well known.

- *Increase the level of acceptance of petrological methods*

Publication of WG results and actualization of the ICCP website are important activities. In the last years the website and its facilities have continuously been improved. Training material, developed in a number of working groups, can be purchased via the website. Since November 2009, ICCP organizes training courses. This new development will not only increase the further international recognition of ICCP, but will also bring ICCP nomenclature to a broader public and educate students and professionals. Two courses have been held in Potsdam in 2009 and 2010, Germany - and two others are scheduled in 2011, in Johannesburg, South Africa and Porto, Portugal. Although participation is encouraging, this activity will require continuous attention and further development in the future in order to develop an ICCP Training scheme.

The position of ICCP President is as well a great pleasure as a great responsibility.

If elected President again, I will further develop and stabilize the above mentioned initiatives in order to ensure that our main aims will be progressed, that ICCP knowledge and terminology will be more widely distributed and that the role of ICCP in setting the

Worlds standards will be strengthened.

### **Petra David. Personal Profile**

#### **Personal Details**

Name Petra David

Profession Senior Geologist and Geochemist

Present employer Wintershall Holding GmbH, Kassel, Germany

Nationality German

#### **Key Qualifications:**

- o Organic petrological/geochemical study of natural organic matter: peat, brown coal, hard coal, anthracite, oil and gas source rocks, oil shales oil, gas, condensates, coal bed methane in multidisciplinary contexts (e.g. coal and petroleum exploration, coal technology, ECBM-CO2)
- o 1D, 2D and 3D basin modeling, burial history reconstruction, migration, prospectivity analysis in oil and gas exploration
- o Broad international orientation through international projects, working visits and participation in scientific meetings.
- o Active participation in international organisations - International Committee of Coal and Organic Petrology - General Secretary 2000 - 2007, President 2007 - to date

#### **Education:**

- o PhD in earth sciences, RWTH Aachen, Germany
- o MSc in geology - RWTH Aachen, Germany
- o BSc in geology - RWTH Aachen, Germany

#### **Employment Record:**

2011 - to date Winterhall Holding GmbH, Kassel, Germany Senior Geologist/Geochemist

2002 - 2011 TNO - Department of Geo-Energy, Utrecht, Netherlands, Senior Geologist/Geochemist, Project manager

1997 - 2002 TNO - Geochemical Laboratory, Utrecht and Heerlen, Netherlands, Geochemist

1992 - 1997 Geological Survey of the Netherlands, Heerlen, Netherlands, Geochemist

1988 - 1991 RWTH Aachen, Germany, PhD study - Organic petrological and organic geochemical characterisation of black shales.

#### **Major Assignments**

2011 - to date Applied Petroleum Geochemistry

2006 - 2011 Co-coordinator CO2ReMoVe project (EC518350): CO2 Geological Storage: Research into Monitoring and Verification Technology

2005 - 2006 CATO-CASTOR project (ECBM) - Effects of CO2 injection on coal properties

2005 - 2006 Maturity and migration research study (3D basin modelling)

2003 - 2005 Study on the occurrence of pre-Westphalian hydrocarbon plays in the Dutch subsurface. Interpretation of organic-geochemical data, 3D basin modelling.

2002 - 2004 Development, filling and testing of the geochemical DINO-Database

1999 - 2002 Study on the geochemistry of hybrid petroleum systems (incl. light HC)

1997 - 2001 Project leader - ECSC Coal RTD Programme 1997: Influence of mineral/organic matter association and distribution on the propensity of mineral matter to form deposits in pulverised coal combustion in power plants (coal combustion)

1994 - 1996 Design and building of a new organic geochemical laboratory of the Geological Survey of the Netherlands in Heerlen (Ministry of Economic Affairs)

1993 - 1997 ECE-project (Joule 2) "European Gasatlas" of Dutch, Danish, German, Polish and British Geological Surveys. Geostatistical analysis of more than 1000 natural gas compositions of NW-Europe (D, DEN, NL, UK, P).

1992 - 1995 EC Gasatlas project. Modelling of the distribution, composition and classification of Dutch gases on the basis of ca. 500 production wells (stable isotope composition, chemical composition of hydrocarbons and non-hydrocarbons, thermodynamics). Ministry of Economic Affairs.

1992 - 1994 Applied R&D of Colour Image Analysis (Paes Olympus, RGD, University of Leuven, Belgium)

1992 - 1994 Coalbed methane project of well Peer (Belgium). Co-operation with Belgian Geological Survey, University of Leuven, RWTH Aachen, Vlaamse Gewest, Belgium.

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### **Wofgang Kalkreuth. Personal Profile**



#### **W. Kalkreuth - Information related to Nomination for Position of ICCP President**

##### **Education**

1973 Diploma in Geology (equivalent M.Sc.), FU Berlin, Germany.

1976 Dr. rer. nat. in Geology (equivalent Ph.D.), RWTH Aachen, Germany.

1989 Habilitation in Geology (highest German academic degree), FU Berlin, Germany.

##### **Work History**

1976-1979 Research Scientist, University of Aachen, Germany

1979-1980 Research Scientist, University of Sherbrooke, Quebec, Canada

1980-1996 Research Scientist with the Geological Survey of Canada, Calgary, Canada  
1996-1999 Visiting Professor, Instituto de Geociências, UFRGS, RS, Brazil  
1999- Full Professorship (Professor Titular) in the field of Fossil Fuels (Coal, Gas, Petroleum) and Organic Geochemistry, Instituto de Geociências, UFRGS, RS, Brazil,  
see also <http://www.ufrgs.br/labcarvao>

## Summary of Scientific Output

Published Papers in refereed journals - 159; Abstracts and Extended Abstracts presented at conferences - 273; Chapter in Books - 12; orientation of students at graduate and post-graduate levels - 48. For complete information see information in the national Brazilian curriculum vitae system <http://lattes.cnpq.br/5551950766960510> (please choose English version after opening link)

## Current Research Projects

- sequence stratigraphy and petrology of Permian age coals, Paraná Basin - Brazil;
- basin analysis related to hydrocarbon generation potential (Reconcavo, Santos, Paraná Basins - Brazil);
- coalbed methane potential and CO<sub>2</sub> storage capacity of coal seams (Paraná Basin, Brazil), shale gas;
- hydrous pyrolysis experimentation of petroleum source rocks and coals;
- characterization of coals, fly and bottom ashes from Brazilian power stations, environmental studies on soils, plants and water collected in the vicinity of Brazilian power stations;
- co-combustion of coal and biomass, studies of coal-blends for coke-making;
- participation in the National Brazilian Network on Organic Geochemistry, supported by Petrobras;
- participation in the National Brazilian Network on Coal Research, supported by the Ministry of Science and Technology.

## Memberships (other than ICCP)

Society for Organic Petrology (TSOP); TSOP Vice President in 1995/1996; Latin American Association of Organic Geochemistry; European Association of Organic Geochemists; Geological Society of America.

## Editor of Scientific Journals

Member of Editorial Board with **Revista Latino-Americana de Geoquímica Orgânica** (1994 - ); **International Journal of Coal Geology** (1994 - ); **Energy Exploration and Exploitation** (2010 - ).

## Awards

**Medal of Merit** by the Canadian Society of Petroleum Geologists for the most significant publication in 1984 dealing with the petroleum geology of Canadian sedimentary basins; Elected **Fellow of the Geological Society of America** (1995) in recognition of significant contributions to the science of geology; **Peter Hacquebard Award** by the Canadian Society of Coal Science and Organic Petrology in 2009 in recognition of professional excellence and significant contributions to coal science in Canada and elsewhere.

## Past ICCP Activities

ICCP Member since 1981, **Secretary Commission II from 1991 to 1994, Chairman Commission II 1994 to 2002**; Member of the current and past **working groups**: thermal indices, alginite, environmental applications, vitrinite classification, isolation of dispersed organic matter, ICCP homepage, pseudovitrinite, basin modeling, saprovitrinite, coal blends, atlas of DOM, coal facies, qualifying system for vitrinite reflectance analysis. **ICCP Accreditation** for vitrinite reflectance measurement and maceral analysis on **single coal** (1996 to 2008), for reflectance measurement on vitrinite in **dispersed organic matter** (2006-2008), for **Coalblend Analysis** (2009); **Chairman** of the Organizing Committees for **ICCP Meetings in Calgary, Canada, 1984** and **Porto Alegre/Gramado, Brazil, 2009**

## **Wolfgang Kalkreuth. Vision of ICCP Presidency**

### General Comments

With the decline of research and development in many of the countries traditionally working on coal characterization, one of the most important tasks for ICCP is to define its future role. From my point of view, ICCP has to maintain its strength in the traditional areas of coal characterization but need to consider to put more emphasis on areas such as environmental application of organic petrology and petroleum source rock characterization, as well as intensify or initiate activities on organic petrology as they relate to coalbed methane, CO<sub>2</sub> sequestration and shale gas.

### Specific Comments and Suggestions

Consolidate the ICCP competence on the fundamental expertise in coal and organic petrology taking the following steps: Commission I: Accomplishment of the New Handbook Editorial Group by 2012; Commission II: Revision of the Dispersed OM Atlas by 2012; Commission III: Support the activities of the coke W.G.

Focus on the geological and industrial applications on the following issues: ICCP Training Program; Gas Shale Issue Methodology; Application of Coal Petrology to chemical conversions such as Hydrogenation, Gasification, Combustion, Pyrolysis and Cooking - White Paper; Strengthen the work on the petrographic data base as a platform for exchange and discuss use of the Coal Database - future ICCP Product; ASTM and ISO Standard for identification of primary vitrinite.

Introduce an ICCP branch office in countries of interest to promote ICCP activities within the country, to provide information to

national institutes, organizations, societies on ICCP education and training programs; to report on national activities within the country.

Strengthen our public relation skills: this includes the ICCP homepage, publishing more frequently interim and final results of working groups in scientific journals and at congresses, presentation of a ICCP booth at major conferences related to our field (AAPG, International Coal Science Conference, International Meeting on Organic Geochemistry and others). and to provide coal and petroleum government agencies and industry with information on our activities and expertise.

ICCP Accreditation. The accreditation program on vitrinite reflectance and maceral analysis on single coal (SCAP) has been one of the major success stories of ICCP. However, with many ICCP members having participated in this exercise for more than 10 years, I question the necessity to continue this exercise in the same way or if we could consider a life certificate for those members having participated three times successfully. If accepted, this would help to resolve our problems of getting new samples and would also reduce significantly the workload of the people involved with the evaluation process.

ICCP Election Voting Procedures: In recent years it has been difficult in some cases to fill ICCP positions on the base of two candidates for election. Therefore, I suggest to set up a sub-committee by council, approaching suitable candidates in the year prior to election, and present these candidates, having agreed to run for election, to ICCP council.

On a final note, if elected as president, I would try to reconcile with former prominent members of the Thiessen Award Committee, who resigned in 2010 from ICCP in disgust because of rejection of their recommended candidate by council.

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### **Peter Crosdale. Vision of ICCP Vice-presidency**

It should be well known to ICCP Members that it is my intention to relinquish the role of ICCP Editor at the end of my current 4 year period i.e. at the end of the 2012 meeting. It is my view that after 12 years in this position it is time to give another person the opportunity to contribute to ICCP in the role of editor. That said, you may wonder as to why I would seek election to the position of ICCP vice President (VP).

During my period on Council, the role of vice-President has evolved from one of simply supporting the President into an active role in which the VP is integral to the success of activities such as ICCP Short Courses. In the immediate future, the registration of ICCP will see a high degree of activity for the VP. The current VP has been most active in the revision of the Statutes, which will be essential in the registration process. A full review of the statutes was undertaken by myself in 2001 and an extensive document presented to Council detailing inadequacies and inconsistencies. My detailed knowledge of not only the Statutes but also the working of ICCP will be of great value in moving the registration process forward.

Despite recent changes in activities of the VP, the primary role of VP remains one of supporting the President. What particular skills would I bring to this role? Twelve years on Council means a close working knowledge of ICCP over recent years. My experience in academia, research organisations and running my own business gives me a wide perspective as to how these diverse types of bodies work - it is the role of ICCP to service all types of organisations.

Looking forward, the job for the next VP is one of supporting the tremendous changes happening within ICCP in a positive and constructive manner. Of the 3 major developments in recent times (accreditation, short courses and registration), the VP plays a most active role in 2 of them. Consider my recent history as an ICCP Councillor, my breadth of experience in research, academia and industry as well as my close understanding of how ICCP works and what ICCP stands for. I believe that I am well placed to move these key issues forward in a manner that will be most constructive to, and productive for, ICCP Members.

### **Peter Crosdale. Personal Profile**

#### **Education**

1982 B. Sc. 1st Class Honours in Geology, The University of Newcastle, NSW - supervisor Prof. Dr Claus Diessel  
1992 Ph.D. (geology), The University of Auckland, NZ - supervisor Prof. Philippa Black

#### **Work Experience**

1982 Mud logger (Gearhart Geodata), Perth  
1983 Research Scientist (WAIT - now Curtin University of Technology), Perth  
1984 Coal Petrographer (ACIRL), Sydney  
1992 Post doctoral Research Fellow and Director Coalseam Gas Research Institute, James Cook University, Townsville  
2003 Director, Energy Resources Consulting Pty Ltd, Brisbane. Specialising in gas adsorption isotherms of coal and coal petrography. Presently with 5 permanent and 8 casual staff.

#### **ICCP Activities**

- o 2000 - present ICCP editor and Council Member
- o Convenor of working groups on: Degradinite; Suberinite; Coal Gas
- o Participation in various ICCP WG round robins

#### **Other Professional Activities**

- o 2008 -2010 TSOP Councillor
- o 2008 - present Treasurer Coal Specialist Group Geological Society of Australia
- o Member: ICCP; TSOP; Geol. Soc. Aust.; Aust. Inst. Geoscientists
- o Reviewer on various international journals
- o Pro bono lecturing at various Tertiary education institutions in Brisbane
- o Adjunct Associate Professor in Geology, The University of Queensland
- o Adjunct Senior Lecturer in Geology, James Cook University, Townsville

## **Some Recent Publications**

- o Erskine, N., Smith, A.H.V and Crosdale, P.J. (2008). Provenance of Coals Recovered from the Wreck of HMAV Bounty. *International Journal of Nautical Archaeology*, 37 171 - 176.
  - o Crosdale, P.J., Moore, T.A and Mares, T. (2008) The effect of moisture and temperature on adsorption isotherms of a low-rank coal: Implications for reservoir modeling. *International Journal of Coal Geology*, 76, 166-174.
  - o Crosdale, P.J. and Cook, A.C. (2008) Discussion: An unusual non- fluorescing algal kerogen from the Canadian Arctic. *International Journal of Coal Geology*, 73, 388-390.
  - o Scott, S., Anderson, B., Crosdale, P., Dingwall, J. and LeBlang, G. (2007) Coal petrology and coal seam gas contents of the Walloon Subgroup - Surat Basin, Queensland, Australia *International Journal of Coal Geology*, 70 209-222.
- 

## **Henrik Petersen. Vision of ICCP Vice-presidency**

The statutes of ICCP do not state any duties specifically related to vice-presidency. However, as Vice-President I will aim at serving ICCP by participating in ICCP meetings, Council meetings and generally 'be around' and offer my assistance where needed. The retiring Vice-President was engaged in planning and organizing ICCP's training course activities, and as Vice-President I intend to continue this important work. When I was a member of the Council for years ago I actually pointed out that the extensive knowledge of ICCP's members, in particular the senior members, should be utilised in courses. I am therefore happy to recognize the successful implementation of this activity. I also find it important to maintain ICCP as an international organisation and it is therefore vital that ICCP continues to have meetings around the world and to extend the knowledge of the organisation. As a member of TSOP and attendant at several TSOP meetings I am also familiar with ICCP's 'sister organisation' where I have numerous contacts. Organic petrography is a relatively small discipline and I believe that both organisations will benefit of cooperation. I have therefore always supported true joint-meetings between ICCP and TSOP. Finally, I will advocate for reserving one day at all ICCP meetings for scientific presentations. I find these sessions fruitful. They show various aspects of applied organic petrography, the goal of the efforts put into ICCP's working groups.

## **Henrik Petersen. Personal Profile**

**Name** Henrik Ingermann Petersen

**Profession** Geologist

**Date of birth** 13<sup>th</sup> September 1964, Denmark

**Education** D.Sc. (Dr. Scient), highest Danish academic degree: Doctoral Dissertation "The petroleum generation potential and effective oil window of humic coals related to coal composition and age", University of Copenhagen 2008; Ph.D. in geology, University of Aarhus 1995; M.Sc. in geology, University of Aarhus 1991

**Occupation** Senior Researcher, GEUS; Head of Laboratory of Organic Geochemistry and Petrology

## **Highlights**

- H-index = 15 (Scopus January 2011). Published 55+ peer-reviewed articles, 5 other publications, 81 abstracts and reports, and about 70 oral presentations and posters
- 21 years of experience in the field of organic petrology and geochemistry
- Extensive experience with consultant work utilising organic petrology and geochemistry
- Awarded full accreditation (Certificate: ICCP/RA/33.1/0131AB) in vitrinite random reflectance analysis and maceral analysis of coals and vitrinite reflectance of dispersed organic matter (DOM) (Certificate: ICCP/DOMVR/052) by ICCP
- In the lead of research in coals as a source rock for oil and pioneer in the application of sequence stratigraphic concepts in paralic coal-bearing strata
- Co-supervisor for Danish, Vietnamese and Thai students. Lecturer of course in organic petrology at Bergen University, Norway (2000, 2002, 2003), at Vietnam Petroleum Institute, Hanoi (2002), for CCOP in Beijing (2006), at Shell E&P, Rijkswijk (2009)
- Fieldwork experience from Belize, Thailand, Vietnam and West Greenland.

## **International relationships**

- Member of the ICCP since 1993 and participated in 12 meetings around the world
  - Chairman of the organising committee of the 53rd ICCP meeting, Copenhagen, 2001
  - Secretary of Commission III (ICCP) and member of council from 2000-2004
  - Member of The Society for Organic Petrology (TSOP) since 1995.
  - Member of the Editorial Board of Journal of Petroleum Geology since 2007.
  - Referee for international journals, e.g. *Organic Geochemistry* and *Int. J. Coal Geol.*
  - International cooperation with Chiang Mai University, Thailand; CSIRO, Australia; University of Ilorin, Nigeria; University of Porto Alegre, Brazil; Advanced Geochemical Services, UK; Det Norske Oljeselskap, Norway; Belize Minerals Ltd., Belize
- 

## **Walter Pickel. Vision of ICCP Vice-Presidency**

Dear Members of the ICCP,

Election for Vice President: the ICCP Statutes leave us pretty much without any definition, of what a vice-president's role is.. The other offices are defined by their roles, an editor edits, a president presides over an organisation that is defined and thus is his/her role, chairpersons and their secretaries of commissions run the relevant commission. And the role of the commissions as the heart

of the ICCP is very well established. So what does a vice-president do? Be ceremonial and look solemn? Or to quote Merriam Webster's Third New International Dictionary, "...empowered to serve as president in that officer's absence or disability"? Our presidents have been and are of good health and hopefully this tradition is to be continued.

So what does a vice-president do, other than being the presidential back-up? The answer lies not in any definitions but the recent vice-president and his predecessors, who have done outstanding jobs in their individual ways. The often criticised vagueness of the ICCP Statutes has the great advantage that an individual can create a role and most recently Lopo Vasconcelos is demonstrating impressively what that can mean. In addition to the more obvious aspects the vice-president sits in council with the ability to speak up (and vote) and is an important part of the decision processes in the ICCP.

I accepted a nomination for the election quite simply because I was asked by Lopo and other ICCP members. In my many years as ICCP member I have enjoyed the benefits of this organisation, served in various positions and think that it is the responsibility of a member to actively support the ICCP activities when being asked. I always enjoyed the membership in the ICCP and the special atmosphere that goes along with it. The ICCP is a bit different from other scientific organizations. ICCP meetings are held more openly than other conferences; the form is the discussion rather than a string of polished Power Point presentations. In its center are the commissions and working groups.

If elected I would engage in any activity that supports the role and work of commissions, working groups and active members, whose work IS the ICCP.

With kind regards, Walter Pickel. Sydney, April 25, 2011

### Walter Pickel. Personal Profile

Some short note about myself: after university education, I stayed at Aachen University for 11 years in research and teaching, joined CSIRO Petroleum in Sydney for four years, and am now working with Coal & Organic Petrology Services P/L in Sydney.

I have been actively participating in ICCP work since 1987, to which I was accepted as a member in 1990 and served two terms as secretary of commission 1 and two as chair of the same commission. I am involved in various working groups, especially the Standardization Working Group and others.

## Report of the Returning Officer (Harold Smith) about Election for the Positions of President and Vice-president of ICCP

Voting restricted to the 94 Full Members of ICCP.

### President

Candidate	Votes received	% valid votes
Dr Petra David	41	60
Prof. Wolfgang Kalkreuth	26	38
		1 (abstention)

### Voting statistics

Category	Number	As % of eligible
Eligible to vote	94	
Valid returns	68	72
Abstentions	1	1
Invalid votes	0	

### Vice-president

Candidate	Votes received	% valid votes
Dr Peter Crosdale	22	32
Dr Henrik I. Peterson	26	38
Dr Walter Pickel	20	30

### Voting statistics

Category	Number	As % of eligible
Eligible to vote	94	
Valid returns	68	72
Abstentions	0	
Invalid votes	0	

## Appendix 5 - Editor's Report

### Short Report of the ICCP Editor 2009 - 2010 Financial Year

by  
Dr Peter Crosdale

### Activities for 2009 - 2010 Financial Year

#### ICCP News

#### Distribution

Three issues of ICCP News were made during 2008 - 2009 financial year, viz No. 47 July 2009, No. 48 November 2009 and No. 49 April 2010 (Table 1). During the year, the number of persons not receiving a hard copy of the newsletter was constant at 65, the same as the previous year (Table 2). This was due to the editor not reconciling his records with those of the treasurer until after the distribution of ICCP News #49. At present, 97 members (out of 207 = 47%) have opted not to receive hard copies of the ICCP News and instead downloaded the pdf version from the web site (Table 2). This is an increase of 32 during the year and compares to the increase of 21 in the 2008 - 09 year. This rapid increase reflects the new fee structure which commenced in January 2009 and is partly occurring in response to 3 year memberships becoming due. The new fees offer substantial discounts for members who opt not to receive a hard copy of the newsletter by post. Due to many members paying on a three year cycle, the number of internet only newsletter recipients is expected to continue to increase over the next year with a consequent decrease in the number of paper copies distributed.

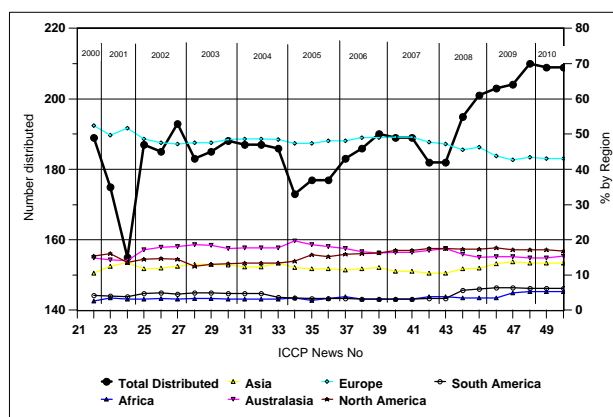
**Table 1** Mail distribution by region

Region	ICCP News 47		ICCP News 48		ICCP News 49	
	No.	%	No.	%	No.	%
Africa	8	6	9	6	9	6
Asia	23	17	23	16	23	16
Australasia	21	15	21	14	21	15
Europe	59	42	63	43	62	43
North America	20	14	21	14	21	15
South America	8	6	8	6	8	6
<b>Total</b>	<b>139</b>	<b>100</b>	<b>145</b>	<b>99</b>	<b>144</b>	<b>101</b>

**Table 2** Web download only distribution by region

	# 44	#45	#46	#47	#48	# 49
Africa	2	2	2	2	2	2
Asia	5	5	5	5	5	5
Australasia	8	8	10	10	10	10
Europe	26	26	28	28	28	28
North America	12	12	15	15	15	15
South America	3	5	5	5	5	5
<b>Total</b>	<b>56</b>	<b>58</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>

Memberships trends can be derived from the distribution of the ICCP News. These records have been kept since ICCP News #21 in November 2000. No similar historical trend data appears to be available from other sources. Membership has been relatively stable at a little over 200 since 2009. A large fall in 2001 was associated with many members being removed due to non-payment of fees. However, many of these persons were subsequently recovered in 2002. There has been a substantial increase since 2007 which has been driven by an increase in the number of non-European members.



Historical distribution of the ICCP News is a proxy for membership numbers as well as regional distribution of members.

#### Format and content

The basic format of ICCP News, established in ICCP News No. 22 (October 2000), has remained unchanged. Content for the 3 issues has been categorised (Table 3) and some statistical information provided.



**Table 3** Summary of contributions to ICCP News by type

	2009 - 2010		
	no. items	no. pages	% pages
News from Commissions	5	34.75	25
News from Council (Ed/ Pres/ Treas)	10	5.5	4
Meeting minutes	1	40	29
Next Meeting Information	3	22.5	16
Accreditation	1	1.25	1
Other ICCP Information	17	20	15
Scientific Articles	1	0.5	0
Other Articles	2	1.25	1
Miscellaneous Items (KYCP etc)	14	11.25	8
<b>Total</b>	<b>55</b>	<b>137</b>	<b>99</b>

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

### Advertising

The possibility of paid advertising was introduced for the first time in 2009 - 2001, with the schedule of rates approved by the 2009 Council meeting given below.

Rate per insertion (\$US)*		
	Once only	4 times (20% discount)
Full Page	400	320
½ Page	200	160
1/4 Page	100	80
1/8th Page	60	48

\* a 10% discount applies to ICCP members

One un paid advertisement was made in 2009 - 2010, advertising a book. In accordance with ICCP Council Resolutions made in Utrecht, a number of

extended conference promotions had been placed at no charge. It was considered that these meetings were of high importance and direct relevance to ICCP Members and their extended promotion would be useful in advancing our science.

### Costs

Expenses incurred in production and distribution of ICCP News during 2009 - 2010 are detailed in Table 4. Printing costs have been kept to a minimum by the use of photocopying technology, which is substantially cheaper for print runs of fewer than 500. A few additional copies are kept on hand in case of requests by members.

Average costs have been calculated including all costs of production (printing, folding, stapling and trimming), postage, stationery and any other noted expenses. Historically, the range of average total cost per page for the past 22 ICCP News is 0.12 to 0.29 AUD (Fig. 1). Costs fluctuate between different issues due to varying numbers of pages and varying postage costs as well as due to the procurement of stationery items such as mailing envelopes and labels. About half the total cost is in postage and the other half in printing. Notes on particular reasons for variations in costs for previous financial years can be found in the relevant report of the Editor. As expected, there is a strong relationship between the number of pages and the costs (Fig. 2). More pages means a higher total cost per copy but a lower average per page cost. Since the page printing cost per page is almost constant, the lower per page rate relates to lower relative postage costs.

**Table 4** ICCP News Costs in AUD

Year	2009	2009	2010
Newsletter No.	47	48	49
No. Pages	28	76	36
No. Copies printed	150	150	150
Printing	352.34	797.94	392.04
Postage - international	307.85	666.26	461.65
Postage - domestic	22.00	33.00	22.00
Stationery - envelopes	0.00	0.00	0.00
Stationery - labels	0.00	0.00	0.00
<b>Total</b>	<b>682.19</b>	<b>1497.20</b>	<b>875.69</b>

Monitoring of costs has continued since a steep rise in 2004 - 2005 from 0.15 to 0.21 to 0.29 AUD per page. The printing costs are now stable at around 0.08 to 0.09AUD per page by negotiating a new price with the printers in late 2005. The per copy

costs were \$6.07, \$8.80 and \$4,31 AUD for issues 44, 45 and 46 respectively.

### Reconciliation of budgeted versus actual costs

The Editor's report for 2008 - 2009 provided estimates for the 2009 - 2010 year. These estimates are reconciled with the actuals in Table 5.

**Table 5. Budgeted (B) versus Actuals (A) for the 2009 - 2010 financial year**

Item	Number of pages		Number of copies printed		Total cost per page (AUD)		Total Cost AUD (whole dollars only)	
	B	A	B	A	B	A	B	A
ICCP News 47	28	28	150	150	0.16	0.16	665	682
ICCP News 48	60	76	150	150	0.13	0.13	1170	1497
ICCP News 49	28	36	140	150	0.16	0.16	627	876
Directory	24	0	210	0	0.13	0.00	655	0
Miscellaneous							50	0
<b>Total</b>	<b>140</b>	<b>142</b>					<b>3176</b>	<b>3055</b>

Actual expenditure was \$119 AUD lower than budgeted. The higher than budgeted cost of ICCP News 49 was due to the larger number of pages than expected. This was offset by the directory not being published in the 2009 - 2010 financial year.

### Proposals for 2010 - 2011 Financial Year

#### ICCP News - Number of editions

Three editions of ICCP News were produced in 2009 - 2010 and it is proposed to again produce 3 ICCP News editions for 2010 - 2011, #50 August 2010, #51 November 2010 and #52 March 2010. At the time of writing, ICCP News #50, August 2010 has been completed and distributed.

#### ICCP Directory 2010

A new ICCP Directory is scheduled for 2010 in collaboration with the General Secretary and Treasurer.

#### Budget estimates for 2010 - 2011

Budget estimates for production of ICCP News in 2010 - 2010 are given below. Estimates are based on an average total costs per page, which includes postage.

Costs to date and projected costs of ICCP News in the 2010 - 2011 financial year

Item	Number of pages	Number of copies printed	Cost per page (AUD)	AUD
ICCP News 50	24	115	0.19	536
ICCP News 51	64	115	0.13	957
ICCP News 52	28	115	0.17	547
ICCP 2010	24	210	0.13	655
Directory				
Miscellaneous <sup>a</sup>				50
<b>Total Projected</b>				<b>2745</b>

Notes: <sup>a</sup> Miscellaneous items include CD ROMs, additional postage and stationery during the year and other small items.

*Peter Crosdale*



*At the conference dinner*



*At the conference dinner*

## Appendix 6 - Treasurer's Report

### ICCP Treasurer's Report August 31, 2010 – July 31, 2011

The account details for the financial year ending July 31<sup>st</sup>, 2011 are listed in Table 1. This is a summary of all receipts and expenditures; Canadian dollar transactions have been converted into euros using the exchange rate at the close of July 31<sup>st</sup>. (\$1 Canadian = €0.7228.)

**Table 1: Income Statement as of July 31, 2011 in Euros**  
Canadian \$ amounts converted to Euros using exchange rates at end of July 2011. (\$1.00Canadian = €0.7288)

	Column 1 Can \$	Column 2 Euros	Column 3 Total in €
<u>Opening Balance – July 31/2010</u>			
Canadian Accounts	\$58,059.06		€42,313.44
Euro Accounts		€16,347.52	€16,347.52
<b>TOTAL</b>			<b>€58,660.96</b>
<u>Receipts:</u>			
Membership Dues			€1,165.17
Prepaid Membership			€1,669.30
Donation & Sponsorship			€70.19
Sales & Advertising			€506.36
Accreditation : SCAP			€406.46
DOMVR			€160.03
CBAP			€162.62
Org. Pet. Courses			€13,464.59
Bank Interest Received			€205.54
<b>TOTALS</b>			<b>€17,810.27</b>
<u>Expenses:</u>			
Credit Card Charges			€816.49
Bank Charges			€201.17
Administration			€604.48
Accreditation: SCAP			€1,214.30
Org. Pet. Courses			€1,400.00
Newsletter			€1,879.73
Loss on Exchange			€35.79
<b>TOTALS</b>			<b>€6,151.96</b>
<b>FINAL BALANCE</b>			<b>€70,319.27</b>

Membership fees remain fairly stable with 59 members renewing their subscriptions. As of August 31<sup>st</sup>, 15 members have yet to pay their dues for 2011 and 18 members have not paid for two or more years.

A donation was received from Dr. G. Taylor, the royalties from his book. Sales of publications came in at just over €500.

Although this year was not an accreditation year we still collected a few late payments from the 2010 program. The statement includes the expenses for the SCAP program, but not shown are expenses of €661 for the CBAP program which were paid out in early September, and we are still waiting for the DOMVR costs to come in. As of now the 2010 accreditation program leaves us a profit of about €9,000.

**Table 2: Balance Sheet**

Assets & Liabilities	July 2010	July 2011
<u>Canadian Account</u>		
Chequing Account	\$ 6,781.63	\$16,562.96
Savings Account	51,277.43	51,559.46
Cash	-----	-----
Total	\$58,059.06	\$68,122.42
Exchange rate at year end	\$1 = €0.74 =€42,963.70	\$1 = €0.7288 =€49,647.62
<u>Euro Account</u>		
Chequing Account	€14,621.41	€18,253.32
Cash	35.00	1,224.83
Accreditation Float (Australia)	610.06	-----
SCAP Float	171.05	766.81
General Secretary	313.58	-----
President	596.42	426.69
<b>Total</b>	<b>€16,347.52</b>	<b>€20,671.65</b>
<b>Balance in Euros</b>	<b>€59,311.22</b>	<b>€70,319.27</b>

There have been two training courses this year, the first was in Johannesburg in May, and RCA Conference Organizers in South Africa handled all the finances. The proceeds from this course are to

be paid into the ICCP bank account sometime soon, a total of 114,000 Rand, which translates to about €10,600. (This amount is not shown in this fiscal year's financial statements). The second course was at Porto, September 7-9<sup>th</sup>, as of July 31<sup>st</sup> €13,465.00 had been collected from participants, and the projected expenses are €10,084.00, so both courses have been successful and have covered the losses made on the first two courses at Potsdam. Unfortunately the sponsorship of €2,000, promised last year by DGG for the Potsdam Organic Petrology Course held in June 2010, has not yet been paid but apparently we may receive it soon. In the meantime the €1400 listed under expenses had

to be reimbursed to Petra David for her expenses in that course.

Other expenses include bank charges, credit card charges for accepting payments with Visa or MasterCard and administrative and newsletter costs. These are all comparable to the previous year.

Most of ICCP's money is held in Canadian dollars and at the moment it is still a strong currency. Table 2 shows the account balances at the end of the fiscal year compared to the previous year. Overall there is approximately a €10,000 increase in the total balance.

Minutes of the 63<sup>rd</sup> Meeting of the International Committee for Coal and Organic Petrology (ICCP)  
September 10<sup>th</sup> – September 16<sup>th</sup>, 2011, Porto, Portugal

## Appendix 7 - Summary Council Minutes

### **Short Minutes of the Council Meeting 63<sup>rd</sup> ICCP Meeting in Porto, Portugal September 10<sup>th</sup> – September 16<sup>th</sup>, 2011**

#### **Council Meetings at 08.30h on 10<sup>th</sup> September and at 19.00h on 14<sup>th</sup> September.**

Members of Council present: **Petra David**, President; **Angeles Gómez Borrego**, General Secretary; **Lopo Vasconcelos**, Vice-President; **Jennifer Pearson**, Treasurer; **Deolinda Flores**, Chair Commission I; **Stavros Kalaitzidis**, Secretary Commission I; **Carla Araujo**, Chair Commission II; **Paul Hackley**, Secretary Commission II; and **Isabel Suárez Ruiz**, Chair Commission III.

Apologies: **Georgeta Predeanu**, Secretary of Commission III and **Peter Crosdale**, Editor.

#### **2. Minutes of Previous Meeting**

Minutes of the Council and of the Plenary Sessions of the Belgrade Meeting were approved.

*Resolution ICCPC11/2/1. Council approves the Council minutes as circulated.*

*Resolution ICCPC11/2/2. Council approves the Plenary Session minutes as printed in the ICCP Newsletter.*

#### **6. Elections**

*Resolution ICCPC11/6/1. Council congratulates Petra David for election as ICCP President for a second round and thanks Wolfgang Kalkreuth for standing as candidate.*

*Resolution ICCPC11/6/2. Council congratulates Henrik Petersen for election as ICCP Vice-President and thanks Peter Crosdale and Walter Pickel for standing as candidates.*

*Resolution ICCPC11/6/3. Council receives the report on the elections for President and Vice-President of the ICCP presented by the Returning Officer and renovates his thanks to A. Harold Smith for his activity as Returning Officer.*

*Resolution ICCPC11/6/4. Council thanks Harold V. Smith for the many years of service as Returning Officer of the ICCP.*

#### **7. Registration of ICCP**

*Resolution ICCPC11/7/1. Council receives the report on the vote on Registration and Jurisdiction presented by the Returning Officer and renovates his thanks to A. Harold Smith for his activity as Returning Officer.*

*Resolution ICCPC11/7/2. Council acknowledges the importance of the decision in favour of*

*registration and selection of Jurisdiction of the ICCP Membership and requests advice from the Honorary Treasurer about the steps to follow for formalizing Registration.*

## **8. Revision of the Statutes**

*Resolution ICCPC11/8/1. Council requires the Vice-President to finalize the revision of the Statutes now that Registration in Canada will occur.*

## **9. Editor**

The Editor's Report published in Appendix 5 was presented to the Council.

*Resolution ICCPC11/9/1. Council receives the report of the Editor and congratulates him on the presentation of the Newsletter.*

*Resolution ICCPC11/9/2. Council approves spending by the editor in accordance with the budget estimates given in the Editor's Report.*

## **10. Treasurer's Report**

The Treasurer's Report as shown in Appendix 6 was presented to the Council

*Resolution ICCPC11/10/1. Council*  
*i) receives the report presented by the Honorary Treasurer*  
*ii) agrees that the report represents a fair statement of the financial affairs of the ICCP and congratulates the Honorary Treasurer on the report.*

## **11. Accreditation**

*Resolution ICCPC11/11/1. Council receives the report of the Chair of the Accreditation Sub-Committee and congratulates her on the report.*

## **12. ICCP Training Activities**

*Resolution ICCPC11/12/1. Council notes the large involvement of Nikki Wagner as organizer and of the Vice-President in the Organization of the ICCP training course on Organic Petrology with Gondwana flavour and congratulates them for their work. Council notes the enormous amount of work involved in teaching the intensive ICCP course and express that ICCP is deeply in debt with Dr. Alan*

*Cook and Dr. Claus Diessel for having accepted this challenge. Rosemary Falcon cooperated in the practical session and Johan Joubert provided material support for the microscopy session. They are gratefully acknowledged.*

*Resolution ICCPC11/12/2. Council notes the large involvement of Deolinda Flores as organizer and of the Vice-President in the Organization of the ICCP training course on Dispersed Organic matter and congratulates them for their work. Council notes the enormous amount of work involved in teaching the intensive ICCP course and express that ICCP is deeply in debt with Dr. João Graciano Mendonça Filho and Dr. Alan Cook for having accepted this challenge. The personal and material support of Carl Hilgers for the microscopy session is gratefully acknowledged.*

## **13. ICCP Website**

*Resolution ICCPC 11/13/1: Council supports the revised website and thanks Ralph Delzepich for his efforts.*

## **15. Future Meetings**

Regarding the forthcoming meeting 2012 in China:

*Resolution ICCPC11/15/1. Council thanks the organizers for the detailed program and accepts it as proposed.*

## **16. Thiessen Award**

*Resolution ICCPC11/16/1. Council gratefully acknowledges the members of the Thiessen Medal Award Committee for their support in re-establishing the Committee.*



*The ice-breaker*

## In Memoriam

“Die Götter brauchen manche gute Männer  
Zu ihrem Dienst auf dieser weiten Erde”

parap. Goethe, *Iphigenie auf Tauris*

### Alan Cecil Cook

(1935 - 2011)



To those without an English-based upbringing, Alan Cecil Cook was always an odd character. Indeed, Alan was often quite odd to those with an English-based upbringing, but they at least had some inklings as to what drove his infamously imperspicuous sense of humour. More than a cursory knowledge of A. A. Milne, Kenneth Grahame, Edward Lear, The

Goons and so on was essential if you were ever to go past a salutary “hello” and keep up with his conversation and all its subtle allusions.

His deep knowledge of all things aeronautical, especially those with a military bent, often left one with a sense of bewilderment. There are few people who could use Pooh Bear and Lancaster Bomber in the same sentence without losing the respect of the listener - Alan was such a man. Quiet and paced were his conversations, but always with a point if you chose to listen.

Deeply passionate about science and his science in particular. He was irrepressible, in an adagio sort of way. Early attempts at accreditation looked doomed - not because we are hopeless at what we do, but rather due to a lack of deep understanding of the queer world of statistics of closed systems. Complete faith in coal petrology and coal petrologists. Persistent and measured. Alan achieved for the benefit of our science a robust method for telling the world how good we really are.

Mackowsky, Teichmüller, Mackowsky again. Do you know what happened to Murchison in Calgary? Alan annoyed many with his persistent tales of the past. Many who did not know the characters struggled to see the relevance of the stories. But always with a point if you chose to listen. As Stephen Jay Gould remarked “*A tad grandiose perhaps, but I have never read a finer*

*testimony to the central importance one might even say sacredness -- of actual places, rather than replicas, symbols, or other forms of vicarious resemblance*”<sup>1</sup>, and further, “*The tangible establishment of an intellectual genealogy may be only symbolic, but symbols count, ..... for the deeper genetic connections that make life possible and paleontology practical*”<sup>2</sup>. Alan kept the connection with the past strong - the names, the people, the places - not merely a vicarious resemblance in the form of dry words in scientific papers or a few tatty old photographs, but the tangible establishment of a genealogical connection that made and makes coal petrology practical.

Connection to the past was strong but living in the past was not his style. Forever fiddling with computers to make them work better. Always trying new things - only recently acquiring a new Hilgers System. A leading figure in the move to have ICCP a registered organisation - yes, we could stay comfortable in the past and slowly atrophy but Alan always saw the need to keep moving forward and change as necessary, provided it is for the better.

Erudite and quirky he certainly was. A rather lively verison of the rather lively Strauss’s “*Blue Danube*” took many by surprise at the funeral service as Alan waltzed off into the far blue yonder. Alan’s view of the world can be captured in part with his views on plagiarism in the academic world:

*“If you ask the same old questions you will get plagiarism. If you ask really new questions, it is very difficult to plagiarise an answer.” - A.C. Cook, 1994*

Then again, Spike Milligan penned his favourite epitaph:

*“I told you I was ill”*

Vale Alan.  
PC

*A fuller account of Alan’s life and academic achievements will be published shortly in the International Journal of Coal Geology.*

1. Gould, S.J. (2001) A Tale of Two Worksites. *In: The Lying Stones of Marrakech: Penultimate Collection in Natural History.* Vintage. 372pp.
2. Gould, S.J. (1994) In Touch with Walcott. *In: Eight Little Piggies.* Norton. 479 pp.

## Marko Ercegovac

(1937-2012)



Marko Ercegovac passed away on February 15, 2012. He was a long standing ICCP member, an honorary member since 2009, and a well known expert in the field of organic petrology and palynology.

Marko Ercegovac was born on April 12th, 1937 in Niš (Serbia). He graduated from the Faculty of Mining and Geology of the University of Belgrade,

and in 1967 he obtained a Ph.D. in Geology at the same Faculty. After graduation he worked at the Faculty of Mining and Geology of the University of Belgrade, starting as a research assistant (1960), and then gradually passing through all the teaching positions (assistant professor in 1970; associate professor in 1975 and full professor in 1981). During his career he taught the following subjects: Micropaleontology - Palynology, Biostratigraphy, Geology of Fossil Fuels, Petroleum Deposits and Exploration, Applied Coal and Kerogen Petrology, Organic Geochemistry and Basin Evolution. He contributed to the education of many graduate students (he supervised 18 M.Sc. theses and 10 Ph.D. theses, including 4 Ph.D. theses at the Technical University of Aachen). At the Faculty of Mining and Geology of the University of Belgrade he was chairman of the Department of Geology, head of the Department of Micropaleontology and head of the Department of Fossil Fuels. In 1986 he received the "Jovan Žujović" award for his contribution to the study of Regional Geology and Palaeontology.

Marko Ercegovac visited or spent a period of research in a large number of centres of learning in Germany, England, Russia, USA, Canada, Poland, Czech Republic, Bulgaria, Croatia and other countries. He spent some time at the Geological Institute and University of Vienna (1963), at the Technical University of Aachen, the Geological Institute in Krefeld, Hannover and Essen (1968 - 2003 as a holder of a postdoctoral fellowship of Alexander von Humboldt Stiftung - Bad Godesberg, Bonn), in Chevron Oil, University of South California, University of Toronto and Geological Institute in Ottawa (1979), and as a research associate at the "Forschungszentrum" in Juelich in Germany (1999).

Apart from the ICCP, Marko Ercegovac was a fellow of several scholarly and professional bodies. including the Serbian Geological Society, Serbian Chemical Society, International Committee of Microflora (International Geological Congress for Stratigraphy of Carboniferous), chairman of the Committee for Paleoflora and Paleofauna Serbian Academy of Science

and Arts, Member and Chairman of the SEV Commission on Coal Explorations, Committee for Petroleum and Gas Exploration of the Yugoslav Academy of Science and Arts, Zagreb, International Correlation Programme (IGCP - UNESCO), International Project PAKOMIN 184/P 2222 ODP (Juelich) and National Committee of Carpatho-Balkan Geological Association (General Secretary). He was a member of the Editorial Board of the International Journal of Coal Geology (Elsevier) and a member of the editorial board of Ann. Geol. Peninsulae Balkanique (Belgrade). He was also a member of the Editorial Board of the Bulletin of SASA, the Scientific Consultant of the Mining Institute at Zemun and a consultant in the Federal Ministry of Science, Technology and Development. From 2004 he was also a member of the Society for Organic Petrology (TSOP; USA).

He also served on the organizing committees of numerous domestic and international scientific meetings (the Milankovitch Anniversary Symposium "Paleoclimate and the Earth Climate System", Belgrade 2004; the 14th Congress of Geologists of Serbia and Montenegro, Belgrade, 2005; the XVIIIth Congress of the Carpatho-Balkan Geological Association, Belgrade, 2006; the 2nd Balkan Mining Congress, Belgrade, 2007 and the 62nd ICCP Meeting, Belgrade, 2010).

In October 2000 he was elected a corresponding member of the Serbian Academy of Sciences and Arts, becoming a full member in 2006. In 2002 he was elected a corresponding member of the Yugoslav Academy of Engineering, and he became a full member of the AINSCG in 2004.

His main scientific interest was in the fields of palynology, biostratigraphy, regional geology, petrology and organic geochemistry of coal and oil shales, petroleum geology and organic geochemistry. He was also interested in several other fields of applied coal petrology, in coal preparation, combustion, gasification and hydrogenation, and applied organic petrology in petroleum exploration and basin modelling. He published, as the sole author or with collaborators, 212 scholarly papers in national or international journals with SCI more than 130, was the author of two university textbooks - "Micropaleontology" and "Petroleum geology", the monography "Geology of oil shales", and of more than 140 scientific and professional projects. He was a coauthor of the World Coal Fields (IGCP-166) and of the International Handbook of Coal Petrography (1963, 1971, 1975 and 1988). He also gave more than 55 reports and papers at various national and international scientific meetings and international commissions.

Marko Ercegovac has made an important contribution to the development of the microscopical study of solid bitumen and kerogen and demonstrated its value in the geological and geochemical investigations of coal and petroleum. He was also one of the first coal petrologists who combined microscopy with chemical

and physico-chemical methods in the study of geothermics and tectonics. He was one of the founders of the Laboratory of Applied Organic petrology and Geochemistry in Belgrade, Zagreb (INA-Naftaplin) and Novi Sad (NIS-Naftagas), and he was the head and participant in many research projects.

Marko Ercegovac was invited to lecture in various scholarly institutions in Urbana (1979), Moscow (1984), Technical University of Aachen (Aachen, 1988, 1999, 2002), Zagreb (1987), Sofia (1989), Belgrade (1989), Athens (1995) and Budapest (2004).

## Karl Ottenjann

(1931 - 2011)



Karl Ottenjann passed away on June 8, 2011. He was an ICCP member since the early 80's and a well known expert in the field of fluorescence microscopy.

Karl Ottenjann was born 17<sup>th</sup> January 1931 in Essen as a son of a miner. He started his professional life in a chemical laboratory of the Ruhrcoal industry. In the early 60s he undertook additional training for coal petrography under Marie-Therese Mackowsky, famous researcher at Bergbauforschung.

From 1972, he worked at the Geological Survey of Nothrhine-Westfalia in Krefeld. Together with Marlies Teichmüller and Monika Wolf he did a lot of development work in the field of microscopical coal studies and he published a number of fundamental papers on this topic.

His most notable work related to developing methodologies and equipment for fluorescence microscopy of coal and oil shales. He was well known to the international community of coal petrologists and took an active part in many ICCP meetings. He was the main author for the fluorescence sheets of the ICCP handbook and was made an Honorary Member of the ICCP in 2001 at the Copenhagen meeting in recognition of his work for the advancement of organic petrology and ICCP.

We all knew him as a committed and precise researcher, but also as a very humble always friendly and helpful person.

After his retirement he lived a very secluded life but kept us some contact with his colleagues and ICCP members. Mostly, however, he dedicated his attention to his family and his various interests away from organic petrology.

## Membership Matters welcome to ICCP

Dr Mamta **Sharma** (A1, 2, 3)

Scientist

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Dr Sharma has approximately 6 years R&D experience in coal geology, coal petrology and ore and mineral characterization. She has worked in the specific areas of: quality assessment of coal / coke through petrographic methods; application of coal petrological methods in geology including oil & natural gas prospecting; characterization of coals for multifaceted industrial utilization like carbonization, gasification and hydrogenation and coal sampling, chemical Characterization of coal, coke making & testing, various types of testing of coal for user specific demand and surveying and coal beneficiation.

Mr Dionisio **Luis García** (A1)

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Dionisio is a geologist with training from the University of Oviedo. He is a currently working as a member of staff at the Organic Petrography Laboratory in the INCAR-CSIC. He is very interested in participation in the activities of the ICCP, particularly in those related to coal petrography.



Mr Genaro **de la Rosa** (A1, 2, 3)  
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Genaro de la Rosa works as a support geologist for Servicio Geologico Mexicano in field activities and organic petrography studies in the project: Gas associated with coal. He has a degree as an Engineer in Mineral and Energy Resources from the Universidad Autónoma de Coahuila (UAdeC) in Nueva Rosita Coahuila, Mexico. He has published on a variety of topics about Mexican coals, especially their geochemistry, petrology and rank.

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Gareth is structural geologist with a background in time-temperature histories of geological basins, maturity modelling, heat flow modelling, organic petrology, petroleum geochemistry, seismic interpretation and seismic-sequence stratigraphy. He is presently working on oil and gas exploration projects in the Papuan Basin, PNG

Foreland & Fold Belt and has prior experience in the Browse, Bonaparte, Dampier, Otway, Cooper and Gippsland Basins, Timor Sea and Darwin Shelf. Gareth specialises in seismic interpretation (structural and seismic-sequence stratigraphic), basin analysis, planispastic basin restoration methods, heat flow modelling, coal petrology and vitrinite reflectance measurement, fission track analysis, petroleum geochemistry, project economic modelling (petroleum and geothermal), project risk analysis. He obtained a BSc (Hons), Geology from the University of Wollongong and Ph.D. in Geology from Monash University.

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Jackie has a B. Sc. In Geology from the University of Colorado, Denver. She works as an organic petrologist for Weatherford Laboratories in the areas of organic petrology, organic geochemistry, shale gas, unconventional resources and geology.

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Tatiana obtained an MSc. In Petroleum Geology from the Universidad del Zulia, Venezuela. Is currently she is working on gas shales, coals, and rocks with dispersed organic matter always applied to hydrocarbon exploration, and so she has a significant experience in this field.

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If applicable please update your contact details with the General Secretary.

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## ICCP Awards and Calls for Nominations

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

### Thiessen Medal

This is the highest award offered by ICCP. It recognises a lifetime of achievement and outstanding contributions in the fields of coal and organic petrology. The award consists of a bronze medal. The award committee consists of the five most recent medalists.

### Organic Petrology Award

The Organic Petrology Award recognises outstanding contributions by coal and organic petrologists at an intermediate stage of their career. It is limited to applicants under 50 years of age. The award consists of a bronze medal and a certificate.

For details of procedures and nominations, contact the General Secretary.



Hosted by State Key Laboratory of Coal Resources  
 China University of Mining & Technology (Beijing)  
 mailto:daishifeng@gmail.com or mailto:tsopiccp2012@gmail.com  
 http://www.iccp-tsop2012.org

## Welcome to ICCP & TSOP - Beijing 2012!

We are very pleased to welcome you to the 29<sup>th</sup> Annual Meeting of TSOP and 64<sup>th</sup> Annual Meeting of ICCP that will be held in Beijing in September, 2012. We will bring you a professional and compelling scientific program that will be a significant resource for your research and studies.

We believe that some of us still remember the 2006 TSOP meeting and even 1986 ICCP meeting that had also been held in Beijing. It is the second time that China University of Mining & Technology (Beijing) has the great honor and the great opportunity to host such great international conferences on coal and organic petrology.

The ICCP and TSOP 2012 meetings will be linked by a three-day joint field trip. Delegates will be offered the option of separate or combined registration for the ICCP meeting, field trip and TSOP meeting. This will afford participants the maximum flexibility to meet their own professional and scientific requirements and serve their best interests.

We will be very grateful if participants could submit their papers before July 15, 2012.

### Sponsors

 <b>开滦集团</b> KAILUAN GROUP Kailuan Group	 <b>NSFC</b> National Natural Science Foundation of China
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 <b>China University of                  Mining &amp; Technology</b>	 <b>Hebei Engineering                  University</b>
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<b>Research Institute of                  China Petroleum                  Exploration &amp;                  Development (RIPED,                  CNPC)</b>	
<b>Langfang Branch,                  Institute of China                  Petroleum Exploration &amp;                  Development (RIPED,                  CNPC)</b>	<b>Research Institute of                  Petroleum Exploration                  and Development                  (RIPED, SINOPEC)</b>
<b>China United Coalbed                  Methane Corporation                  Ltd.</b>	<b>K. C. Wong Education                  Foundation</b>

## Organizing Committee

### Chairs:

Prof. Jianyong Qiao,  
Prof. Suping Peng

### Executive Chairs:

Prof. Shifeng Dai (General Secretary),  
Prof. Kuili Jin

### Co-Chairs:

Wenxue Zhang,  
Yaodong Jiang, Yucheng Chai,  
Jinxing Dai, Tieguan Wang,

Yupeng Yao, Yu Liu, Yong Qin,  
Yuzhuang Sun, Mingquan Zhang,  
Dahua Li, Yuegang Tang,  
Hongmei Wang, Jian Li

### Secretaries:

Shaoqing Wang,  
Xibo Wang

## About CUMTB



China University of Mining & Technology (Beijing), or CUMT-Beijing is an important part of China University of Mining & Technology. Giving priority to engineering among other

disciplines of science, liberal arts and management, CUMT is a leading multi-disciplinary polytechnic university with mining features. It has been officially approved as one of the first universities for the national "211Project".

Currently CUMT-Beijing consists of one graduate school and 9 academic schools (School of Safety and Resource Engineering; School of Chemical and Environmental Engineering; School of Mechanical, Electronic and Information Engineering; School of Management; School of Mechanics, Architecture and Civil Engineering; School of Basic Science And Arts; School of Continuing Education; School of Vocational Technique Education in CUMT-Beijing; School of Safety Science and Technology). It also has 7 national key disciplines, 9 provincial key disciplines, 5 first grade disciplines conferring degrees for both Doctor and Master, 8 construction programs of key disciplines in the "211 Project" during the period of the Tenth Five-Year-Plan, 7

disciplines offering positions for Special Appointment Professor by "Cheung Kong Scholar Program", and 9 post-doctoral research stations. At present CUMT-Beijing possesses 53 specialities for undergraduates, 70 specialities for Master candidates and 31 specialities for Doctoral candidates, one key laboratory under China Ministry of Education, one key laboratory under Beijing Municipal Government, and more than 20 laboratories in various disciplines, Coal Slurry World Laboratory, Sino-Japan Stratigraphic Environmental Mechanics Research Center and International Exchange Center. In addition, the university is authorized to enroll MBA, EMBA and Engineering Master Candidates.

CUMT-Beijing has paid great attention to international academic cooperation and exchange, and has established such educational ties with dozens of foreign universities and academic organizations. Many teachers from CUMT-Beijing go abroad every year for international academic exchange and cooperative research. The 4<sup>th</sup> International Symposium on Mining Science & Technology ('99ISMST) was successfully held at CUMT-Beijing in August 1999. In August 1999. In April 2001, the 29th International Symposium on Computers Applications in the Mineral Industries (APCOM2001) was held at CUMT-Beijing and this is the first time that APCOM symposium series was ever convened in Asia as well as in developing countries. In October 2001 CUMT-Beijing convened 175<sup>th</sup> XiangShan Scientific Conference focusing on mining problems at great depths. In 2002, CUMT-Beijing established cooperative education programs with both University of Nottingham and University of Leeds by sending excellent undergraduates to these two universities to pursue master and doctoral degrees.

## Conference Programme

### Topics

#### 1. For ICCP:

- Symposium on coal and organic petrology

#### 2. For TSOP

##### Conference Topics:

- Evaluation of the Unconventional Resources including Shale Gas, Shale Oil, Coal Bed Methane, and Gas Hydrate)
- Coal Geology, Resources, and Utilization

	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thur-Fri	Saturday	Sunday	Monday	
	Sept. 14	Sept. 15	Sept. 16	Sept. 17	Sept. 18	Sept. 19	Sept. 20-21	Sept. 22	Sept. 23	Sept. 24	
8:00-8:30	ICCP Registration	Registration	Registration				TSOP Registration / Short Courses	Field Trip to Yunnan Province	Registration		
8:30-9:00		ICCP Welcome & photo	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Symposium			TSOP Technical Sessions	TSOP Technical Sessions	
9:00-9:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break			Coffee Break	Coffee Break	Coffee Break
9:30-10:00		ICCP General Assembly	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Symposium			TSOP Technical Sessions	TSOP Technical Sessions	
10:00-10:30		Lunch	Lunch	Lunch	Lunch	Lunch			Business Lunch (General Meeting)	Lunch (Group photo)	
10:30-11:00		ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	Closing Plenary Session	ICCP Symposium			TSOP Technical Sessions	TSOP Technical Sessions	
11:00-11:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break			Coffee Break	Coffee Break	
11:30-12:00		ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	Closing Plenary Session				TSOP Technical Sessions	TSOP Technical Sessions	
12:00-12:30		Dinner	ICCP Ice Break Party	Dinner	Dinner	ICCP Conference Dinner			TSOP Ice Breaker Party	TSOP Conference Dinner	
12:30-13:00		ICCP Council Meeting		ICCP Council Meeting					TSOP Outgoing Council Meeting	TSOP Incoming Council Meeting	
13:00-14:00											
14:00-14:30											
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19:30-20:00											
20:00-20:30											
20:30-21:00											

- Petroleum Geology, Organic Petrology, and Geochemistry
- New Techniques and Applications

**Short Course**

Short Course for TSOP (Sept. 19, 8:00 - 15:30)

Technical Sessions:

- Coal: Geology, Technology; the Future
- Shale Gas and Oil Shale: Geology, Geochemistry, and Technology
- Coal Bed Methane: Geology; Technology; the Future
- Conventional oil and gas: Geology, Organic Geochemistry, and Petrology

*Advanced Techniques for Evaluation of Mineral Matter in Coal and Coal Utilisation Products*  
By Colin R. Ward & Shifeng Dai

Techniques covered would include:

- ◆ The X-ray diffraction (especially quantification and relation to coal chemistry),
- ◆ SEM-EDS (especially mineral matter occurrence),
- ◆ QemSCAN,
- ◆ Electron microprobe (minerals and macerals),
- ◆ X-ray microtomography,
- ◆ Selective leaching of low-rank coals,
- ◆ Demonstrations of equipment operation (Microscopic observation, Low-temperature ashing, XRD,
- ◆ XRF, FE SEM-EDS, and ICP-MS)



China University of Mining and Technology (Beijing)

**Field Trips**

1. Leaders

Prof. Shifeng Dai  
Prof. Yuegang Tang

2. Fieldtrip Arrangement

Date: September 19, 2012

Route: Xijiao Hotel - Beijing Capital International Airport  
Departure: 15:30  
Flight from Beijing to Kunming: 18:15-21:30

Date: September 20, 2012

Route: Stone Forest; Chengjiang Fauna  
Breakfast: 7:00-8:00  
Zhonghuang Hotel - Stone Forest  
Time on bus: 8:00-9:30  
Visiting time: 9:30-12:30  
Lunch (12:30-13:30): Ronghua Restaurant  
Stone Forest-Maotianshan (Chengjiang Fauna)  
Time on bus: 13:30-14:40  
Visiting time: 14:40-16:00  
Maotianshan (Chengjiang Fauna)-Jianshui (16:10-18:30)  
Accommodation and Dinner: Jianshui Hotel  
Check-in: 18:30 -19:00  
Dinner: 19:00 -20:00  
Bonfire Party: 20:00 -21:00

Date: September 21, 2012

Route: The Chujia Garden & Swallow Cave  
Breakfast: 7:00-8:00  
Chujia Garden: Visiting time: 8:00-9:30  
Chujia Garden - Swallow Cave (9:40 -10:20)  
Swallow Cave (10:30 -12:30)  
Swallow Cave - Jianshui Hotel (12:30 -13:00)  
Lunch time: 13:00 -14:00  
Jianshui-Kunming (14:10-17:40)  
Zhonghuang Hotel  
Dinner time: 18:30-20:00

Date: September 22, 2012

Route: Jinsuo coal mine; Return to Beijing  
Breakfast: 7:00-7:50  
Zhonghuang Hotel-Jinsuo Coal Mine  
Time on bus: 8:00-9:30  
Visiting time: 9:30-11:00  
Jinsuo Coal Mine-Zhonghuang Hotel  
Time on bus: 11:10-12:40  
Lunch time: 12:40-13:40  
Zhonghuang Hotel - Coal Geological Exploration

Institute of Yunnan Province (14:00-14:30)  
Coal Museum of Yunnan Province (14:30-15:30)  
Coal Geological Exploration Institute of Yunnan Province-Kunming Airport (departure 15:30)  
Note: above field trip schedule will be a little changed based on practical situations.

3. Trips

◆ The Jinsuo Lignite Coal Basin

The Jinsuo Coal Basin is located in eastern Yunnan province of southwestern China. It is 9 km long (N-S) and 1.5 – 4 km wide (W-E), with a total area of 18 km<sup>2</sup>. The coal-bearing strata in the Jinsuo Coal Basin are Neogene sedimentary sequences, overlying the middle Cambrian and the lower Ordovician systems with an unconformable contact. The middle Cambrian was composed of Douposi Formation (carboniferous shale) and Shuanglongtan Formation (dolomite). The lower Ordovician system was made up of Tangchi Formation shale and Hongshiya Formation sandstone.

The coal-bearing stratum, Ciying Formation, has a thickness of 5.80 - 203.22 and consists of conglomerate, sandstone, siltstone, mudstone, and lignite. There are 4 coal seams in the coal basin (Nos. 1, 2, 3, and 4 Coal). The Nos. 3 and 4 are minable but Nos. 1 and 2 Coals are locally minable seams. The No. 3 Coal is the major minable seam with a thickness of 0-38.01 m (13 m on average).

The “Baipo” benches in the lignite is well known for their grey while color, very light, fine and smooth, and laterally constant characteristics within the lignite seam. The “Baipo” is a Chinese term, indicating the meaning of “while and light”.



Jinsuo Lignite Coal Basin

◆ The Stone Forest

The Stone Forest lies about 80 miles to the southeast of Kunming. It is made up of the Permian limestones. It is characterized by well-structured stone teeth, peak clusters, water-eroded caves, karst

lakes, waterfalls, and underground rivers. The Stone Forest has the many titles approved by some international and national organizations, e.g., China Key Scenic Area (State Council, 1982), Chinese Geological Park (the Ministry of Land Resources, 2001), and The First World Geological Park (UNESCO, 2004), and so on.

◆ Fossils of Chengjiang Cambrian Faunas

The Chengjiang Faunas, which show species breaking out, are known as one of the most important discovery in the 20th century. They are very useful for the biologic evolution because of their well-preserved parenchyma in shales.

◆ The Zhu Family Garden

The Zhu Family Garden was initially built at the end of Guangxu Reign of the Qing dynasty (about 1905) and had been completed during the end of the Qing dynasty (1909 to 1911). It is a mega-sized residential courtyard constructed in Jianshui County by the Zhu's clan. The entire courtyard account for about 20,000 square metres, among of which about 5,000 square metres were construction space of 214 rooms and 42 patios. In addition, the courtyard has an ancestral hall, maiden pavilion, shops, opera stage over water, greenhouse, lotus pond, cropland, and bamboo forest. All the houses in the courtyard are thoughtfully designed with raw materials that skillfully combine with halls and corridors to provide a multi-level spatial landscape. Elaborate carvings are found everywhere, including windows, doors, plinths, handrails and stairs, creating a cultural environment known as "A Grand Spectacle of South Yunnan".

The Chujia Garden expresses the exquisite aesthetic popular in the southern part of Anhui, the style of deep courtyards emanating from Shanxi, the delicate elegance of the gardens of Suzhou. Above all, it is an elaborate combination of Chinese traditional residential architectural styles. The entire courtyard is clearly plotted with disciplined and controlled arrangements that arrange the courtyard in a moderate and harmonious fashion. Both horizontally and vertically, the courtyard is an expression of the art of building, including the alleys, the doorframes, the window sash, beams, columns, and fence. They join together to make a landscape in which every step moves with interest and beauty.

◆ Swallow Cave

Swallow Cave, a national key scenic spot and

national AAAA-grade tourist area, is located in a mountain gorge, 22-km away from the eastern Jianshui Country seat and 220-km from Kunming (the capital of Yunnan Province). Millions of swifts are nesting in the cave, so the cave is known to be teeming with invigorant bird's nests. Swallow cave is famous for the marvelous spectacle of the old cave, spring swallows gathering, cliff inscription, plaques hanging from stalactites and the art of bird's nest collecting.

The scenic spot covers an area of 18.85 hectares. The touristic area consists of the natural woodland, the dry cave area, and the water cave area. The dry cave is known for its unique human landscape, cliff inscriptions, long tunnel through the cliff and spring swallows gathering. The water cave is famous for its rich karst landscape resources.

◆ Yunnan Coal Geology Museum

It is a small coal museum. However, it reflects various coals formed in various sedimentary environments; various geological tools that have been used in different ages.

### Registration Information

- (1) The registration arrangements will be separated into a registration fee for the ICCP meeting, a separate registration fee for the field trip, and a fee for the TSOP meeting. All the participants could be able to go to one or both meetings and the field trip to suit their own professional and scientific requirements.
- (2) The registration fee will be probably a little changed on the practical price fluctuation in Beijing.
- (3) Tours: Currently we do not have enough pricing information for partner/spousal tours to include them as part of the main registration form. Please send us an email to indicate your interest in the tours.
- (4) The registration fee can be paid via two ways:
  - (1) pay cash at registration desk, or
  - (2) via bank transfer. For bank transfer, the registration fee should be transferred to:

Bank of China Beijing Branch  
No.2 Chao Yang Men Nei Da Jie,  
Dongcheng District,  
Beijing 100010,

A/C holder's name: China University of  
Mining and Technology (Beijing)

A/C No. 318156031500

Swift Code: BKCH CN BJ 110

**Registration Form & Registration Pricing Information**

**For 64<sup>th</sup> Annual Meeting of ICCP & 29<sup>th</sup> Annual Meeting of TSOP**

Full name: \_\_\_\_\_ Nationality: \_\_\_\_\_

Sex: Male  Female  Passport number: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

Institution: \_\_\_\_\_

**Attend:** ICCP  TSOP  ICCP & TSOP

**For ICCP attendee**

■ ICCP member  ICCP non-member  Student

■ Basic registration  Field trip  Field trip for guest  Banquet  Ice-breaker for guest

■ Presentation: Oral  Poster  Author/s: \_\_\_\_\_

Presentation title: \_\_\_\_\_

■ Accompanying member's full name: \_\_\_\_\_

Relation with ICCP attendee: \_\_\_\_\_

■ Payment method: Bank transfer  Cash at the registration desk

Please indicate special dietary or other requirements: \_\_\_\_\_

**For TSOP Attendee**

■ TSOP member  TSOP Non-member  Student

■ Basic registration  Field trip  Field trip for guest  Short course  Banquet   
Ice-breaker for guest

■ Presentation: Oral  Poster  Author/s: \_\_\_\_\_

Presentation title: \_\_\_\_\_

■ Accompanying member's full name: \_\_\_\_\_

Relation with ICCP attendee: \_\_\_\_\_

■ Payment method: Bank transfer  Cash at the registration desk

Please indicate special dietary or other requirements: \_\_\_\_\_

Total registration fee: \_\_\_\_\_ (USD)

Registration date: Month \_\_\_\_\_ Day \_\_\_\_\_

**Note:** Please return the form to [tsopiccp2012@gmail.com](mailto:tsopiccp2012@gmail.com) or [daishifeng@gmail.com](mailto:daishifeng@gmail.com); If you have any questions, please email to [daishifeng@gmail.com](mailto:daishifeng@gmail.com) or [tsopiccp2012@gmail.com](mailto:tsopiccp2012@gmail.com)



**For ICCP registration**

Items	Members	Non-Members	Student	
Basic Registration	260 USD / 1600 RMB	300 USD / 1900 RMB	80 USD / 500 RMB	Before July 15
	280 USD / 1800 RMB	325 USD / 2000 RMB	100 USD / 600 RMB	After July 15
Field trip	400 USD / 2500 RMB, includes air tickets, bus transportation, meals, and 3-night accommodation.  <i>For guest: 300 USD / 1900 RMB, includes air tickets, bus transportation, meals, and 3-night accommodation (double occupancy with registering partner).</i>			
Banquet	30 USD / 200 RMB			
Ice-breaker for guest	15 USD / 100 RMB			

Note:

- (1) The basic registration fee allows participation in all ICCP sessions, ice breaker reception, coffee breaks, lunch, and dinner.
- (2) The conference dinner and three-day field trip are optional and their cost must be added to the total registration.
- (3) Registration fee can be paid either by USD or RMB via either bank transfer or at registration desk.

**For TSOP registration**

Items	Members	Non-Members	Student	
Basic Registration	180 USD / 1100 RMB	240 USD / 1500 RMB	60 USD / 400 RMB	Before July 15
	230 USD / 1500 RMB	280 USD / 1800 RMB	80 USD / 500 RMB	After July 15
Short Course	120 USD / 800 RMB	120 USD / 800 RMB	50 USD / 350 RMB	
Field trip	400 USD / 2500 RMB, includes air tickets, bus transportation, meals, and 3-night accommodation.  <i>For guest: 300 USD / 1900 RMB, includes air tickets, bus transportation, meals, and 3-night accommodation (double occupancy with registering partner).</i>			
Banquet	30 USD / 200 RMB			
Ice-breaker for guest	15 USD / 100 RMB			

Note:

- (1) The basic registration fee allows participation in all TSOP sessions, ice breaker reception, business lunch, Monday lunch, and coffee

breaks.

- (2) The conference dinner, short course, and three-day field trip are optional and their cost must be added to the total registration.
- (3) If you are bringing a partner to any of these optional functions then you must include these costs.
- (4) Non-member registration includes free one year membership. All you need to do is apply.
- (5) Registration fee can be paid either by USD or RMB via either bank transfer or at registration desk.

**Call for Papers**

Each abstract should include the following:

- Program topic
- Abstract title
- Author/s and affiliation/s
- Corresponding author's contact information
- Abstract text

Abstract Format:

Microsoft Word format, less than 3 pages (including figures and tables), using 1.5 line spacing and 12-point, Times New Roman font.

Deadline for Abstract Submission:

Abstract should be submitted by July 15, 2012 via email at

<mailto:tsopiccp2012@gmail.com>

or

<mailto:daishifeng@gmail.com>

If submitting by post, please enclose a copy of your abstract on a CD at the following address:

Prof. Shifeng Dai  
State Key Laboratory of Coal Resources & Safe Mining  
China University of Mining and Technology  
(Beijing)  
D-11, Xueyuan Road, Haidian District  
Beijing 100083  
P.R. CHINA

Poster limitation:

Approximately 2.4 m by 1.2 m or 8 ft by 4 ft;  
 ONE poster board is provided for each presenter.

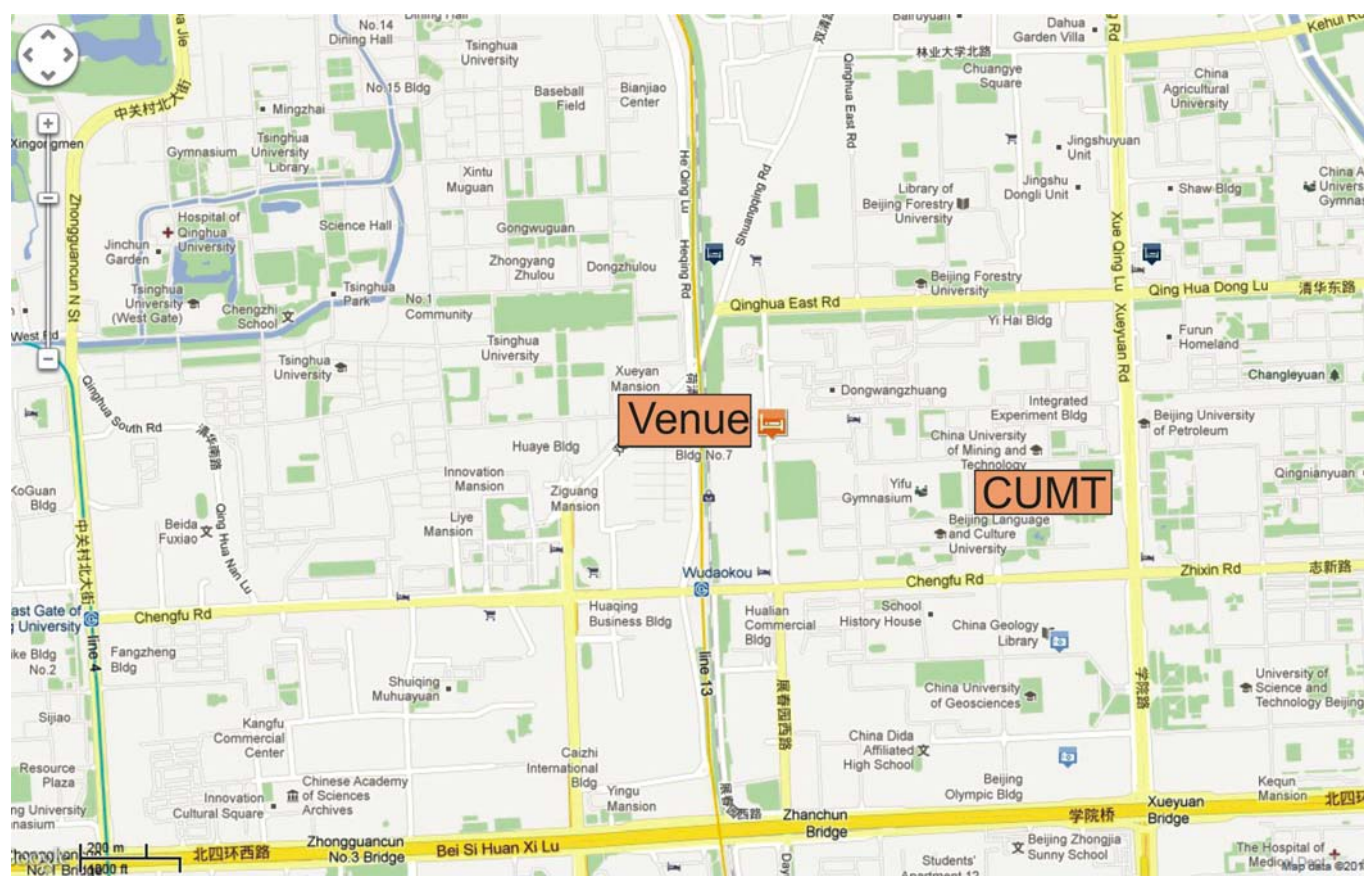
Note that selected full papers will be published in International Journal of Coal Geology.

Travel assistance may be available to students presenting at the TSOP meeting sessions. Please contact TSOP Editor Rachel Walker at <mailto:dr Rachel Walker@gmail.com> for application details.

Venue & Accommodation

Venue

Xijiao Hotel  
 No.18, Wangzhuang Road,  
 Haidian district, Beijing  
 Tel: +86-10 - 6232 2288  
 Fax: +86-10 - 6231 1142  
<http://www.xijiao-hotel.com.cn/>



Accommodation

- Xijiao Hotel (Preferred)

Xijiao Hotel is the official hotel for the 64<sup>th</sup> ICCP & 29<sup>th</sup> TSOP Beijing 2012 meeting. Important: When making reservations ask for the ICCP & TSOP Beijing 2012 event so that you are booked as a ICCP-TSOP 2012 Meeting participant with a discount price. Please book your hotel as early as you can because there will be several meetings in the Xijiao Hotel during September 2012. For

information of room type and discount price especially for 2012 Beijing ICCP & TSOP meeting see the link on the meeting website.

- Exchange Center of China University of Mining & Technology (Beijing)  
 D11, Xueyuan Rd., Haidian District  
 Tel: +86-10 - 6232 1201

The price of single/double room /one night is 40 - 50 USD. The distance between Xijiao Hotel and the Exchange Center is 5-minutes walking. The

Exchange Center is located in China University of Mining and Technology (Beijing).

- Jinma Hotel

Star: 4-star hotel

Tel: +86-10 - 6232 8899

The distance between Xijiao Hotel and the Jinma Hotel is 15-minutes walking or 5 minutes by taxi.

- Mengxi Hotel

No.20, Xueyuan Road,

Haidian district

Beijing, 100083

P.R. China

Star: 3-star hotel

Tel: +86-10 - 5993 3000

The distance between Xijiao Hotel and Mengxi Hotel is 15-minutes walking or 5 minutes by taxi.

Note: If you have any questions or difficulties in hotel booking, please keep in contact with us at

<mailto:daishifeng@gmail.com>  
<mailto:tsopiccp2012@gmail.com>

## Visa Application

For Visa application, please write to Dr. Shifeng Dai (<mailto:daishifeng@gmail.com>) for invitation letter.

## About Beijing

Population: 20,000,000

Time Zone: GMT/UTC +8 (Standard Time)

What to see: the Temple of Heaven, the Summer Place, the royal garden, the Great Wall. If you can see only one city in China, it should be Beijing.

Beijing is the proud capital of modern China and the modern political, cultural and educational center of China. Beijing holds the biggest collection of ancient sites and relics in whole China because Beijing has been at the center of China - the heart and soul of politics and society for over 5000 years even now it is determined to stay at the forefront of Chinese civilization.

The city with a lot to offer, any visit to Beijing,

this modern capital of China must include a trip to the major historical sites. But it's certainly worth getting to know the city a little deeper than this.

The city is now catching up on what it missed before, skyscrapers are shooting up across the city at an unstoppable pace, Five star hotels now provide excellent service, restaurants offer some of the best food in the world, from all over the world and the city's bar scene is surprisingly trendy. The shops here too, rival those of any large Western city.

This is an international metropolis and a melting pot of different cultures now inhabit this traditionally Chinese city it is waiting for you to explore and experience, live in this rapidly changing and exciting city!

Beijing prides itself on its abundant tourist resources. The city has some 200 scenic spots available for tourists. It is home to the Forbidden City, the world's largest royal residence, the Temple of Heaven where Chinese emperors worshiped heaven, the Summer Place, the royal garden, the Great Wall at Badaling, Mutianyu and Simatai and the world's largest courtyard Prince Gong's Residence.

## Contact

Prof. Shifeng Dai

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Tel./Fax: +86 10 6234 1868

<mailto:daishifeng@gmail.com>

<mailto:tsopiccp2012@gmail.com>

<http://www.iccp-tsop2012.org>

*Note: this information about the meeting has been extracted from the official web site by the editor. You should check the website for its correctness and for any updates.*

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**DEADLINE FOR NEXT**

**ICCP NEWS :**

**15<sup>TH</sup> OCTOBER 2012**

President: **Petra David**  
General Secretary: **Angeles Gomez Borrego**



Correspondence address:  
Dr. Maria Ángeles GÓMEZ BORREGO, Instituto Nacional del Carbón,  
CSIC, Apartado 73, 33080 Oviedo, SPAIN

**COMMISSION I – GENERAL COAL AND ORGANIC PETROLOGY**  
**WORKING GROUP - ICCP TRAINING PROGRAM ON ORGANIC PETROLOGY**

**Coordinator: Lopo Vasconcelos, Mozambique**  
**ICCP Vice President**

**Convenor: Nicola Wagner, South Africa**

**STATISTICAL COMPARISON BETWEEN THE EVALUATION RESULTS OF  
THE THREE TRAINING COURSES HELD IN POTSDAM (GERMANY) AND  
JOHANNESBURG (SOUTH AFRICA) BASED ON THE RESPONSES  
TO THE QUESTIONNAIRES FILLED BY THE PARTICIPANTS  
WITH SOME REFERENCES TO THE 4<sup>TH</sup> COURSE**

by Lopo Vasconcelos

Maputo, 5<sup>th</sup> September, 2011

## 1. Introduction

It is known to all of us that the ICCP runs a training program since 2009, following a decision taken during the 60<sup>th</sup> ICCP Annual Meeting in Oviedo in 2008.

This program is coordinated by the ICCP Vice-President, and the Working Group – Training Program belongs to the Commission I.

Up to know four courses have been held, the first three of them on Organic Petrology. In November 2009 and in June 2010, the courses ran at the GeoLab, Helmholtz Centre Potsdam, German Research Centre for Geosciences (GFZ), in Potsdam, Germany. In May 2011 the course was held at the Professional Development Hub of the University of Witwatersrand, Johannesburg, South Africa. The fourth course was very recently held in the Department of Geosciences, Environment and Land Use of the University of Porto, Portugal, prior to the Annual Meeting, and focused on Dispersed Organic Matter (DOM).

All the three courses on Organic Petrology were lectured by Prof. Claus Diessel and Dr. Alan Cook, both from Australia, and with a large experience in coal and organic petrology. The fourth course (on DOM) was lectured by Dr. Alan Cook and by Prof. João Graciano Mendonça Filho, from the Federal University of Rio de Janeiro, Brazil.

In due time, evaluation reports of the first three courses have been produced and presented to the ICCP, therefore we are not going into much detail at this stage. Suffice to present the statistical comparison between the three courses, as the questionnaires to participants were almost the same in the 3 cases.

At the moment this report will be presented, the 4<sup>th</sup> course has just been offered, but there was no time to prepare the respective report, which will be prepared on a later stage. However, as some aspects were known beforehand, they are here included. After the questionnaires to the 4<sup>th</sup> course participants are received, information will be processed and another updated report will be prepared.

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## 2. Participants

The table below shows the geographic distribution of the participants to the 4 courses by countries and by continents.

Country	2009	2010	2011		Total	
			(SA)	(PT)	N	%
Australia			1	4	5	6.0
Brazil	3			1	4	4.8
Bulgaria	1	1			2	2.4
Canada	1				1	1.2
Chile				1	1	1.2
Czech Rep.	1				1	1.2
Denmark		2			2	2.4
Egypt	1			1	2	2.4
France	2				2	2.4
Germany	4	2		3	9	10.8
Greece	1			2	3	3.6
Mozambique			3		3	3.6

Country	2009	2010	2011		Total	
			(SA)	(PT)	N	%
Poland	1			2	3	3.6
Portugal				10	10	12.0
Romania				3	3	3.6
Russia		2			2	2.4
Servia	1			1	2	2.4
Slovenia	1				1	1.2
South Africa	2		14	2	18	21.7
Spain				4	4	4.8
Sweden		2			2	2.4
Turkey	1		1		2	2.4
U. Kingdom		1			1	1.2
<b>Totals</b>	<b>20</b>	<b>10</b>	<b>19</b>	<b>34</b>	<b>83</b>	<b>100</b>

Continent:	2009	2010	2011		N	%
			(SA)	(PT)		
Africa	3	0	17	3	23	27.7
America (N)	1	0	0	0	1	1.2
America (S)	3	0	0	2	5	6.0
Asia	1	0	1	0	2	2.4
Europe	12	10	0	25	47	56.6
Oceania	0	0	1	4	5	6.0
<b>Totals</b>	<b>20</b>	<b>10</b>	<b>19</b>	<b>34</b>	<b>83</b>	<b>100</b>
<b>%</b>	<b>24.4</b>	<b>12.2</b>	<b>23.2</b>	<b>41.5</b>	<b>101.2</b>	

Altogether we had 83 participants from 23 countries. The majority of participants were from Europe, followed by Africa. North America was the less represented. South Africa was the most represented country (21,7%) followed Portugal (12%) and Germany (10,8%).

The least attended course was the 2010 in Potsdam, with only 10 people, and the last course the one with a bigger attendance, with 34 people. The first and third courses had similar attendances.

The map below (Fig. 1) shows the countries where participants came from.

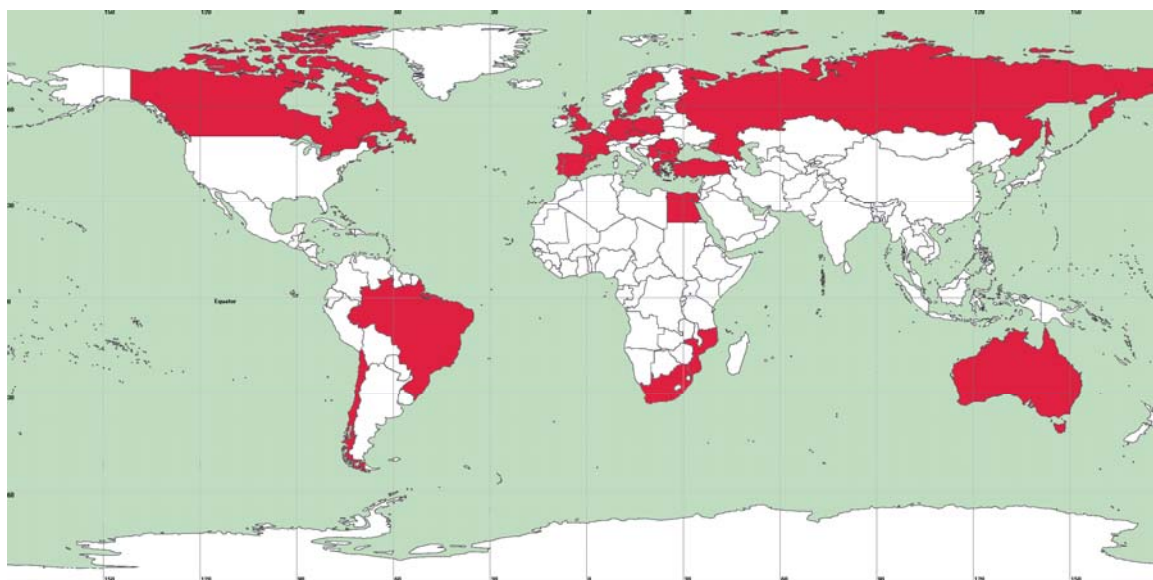


Fig. 1. Map showing the countries where participants to the 4 courses came from.

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### 3. Professionals

The courses have been attended by a number of different professionals, from geologists, to chemical engineers and others. The graphic below shows these professions.

Considering the participation in the 4 courses (Fig. 2), geologists are the majority (66.3%). In the first course geologists represented 75% of participants, all other professions being evenly distributed (5%). The second course was attended by 40% of geologists, followed by coal & coke analysts (30%). All other professions were evenly

distributed (10%). The South African course was also attended by 40% of geologists, followed by 25% of petrographers. Engineers occupied the third position with 20%. In the fourth course, geologists represent 84.8%.

As it is known, there were three categories of participants:

- a) People belonging to Private Companies or working private;
- b) People belonging to Governmental or non-profitable institutions ; and
- c) Students.

The graphic of Fig. 3 shows the categories of participants in the 4 courses.

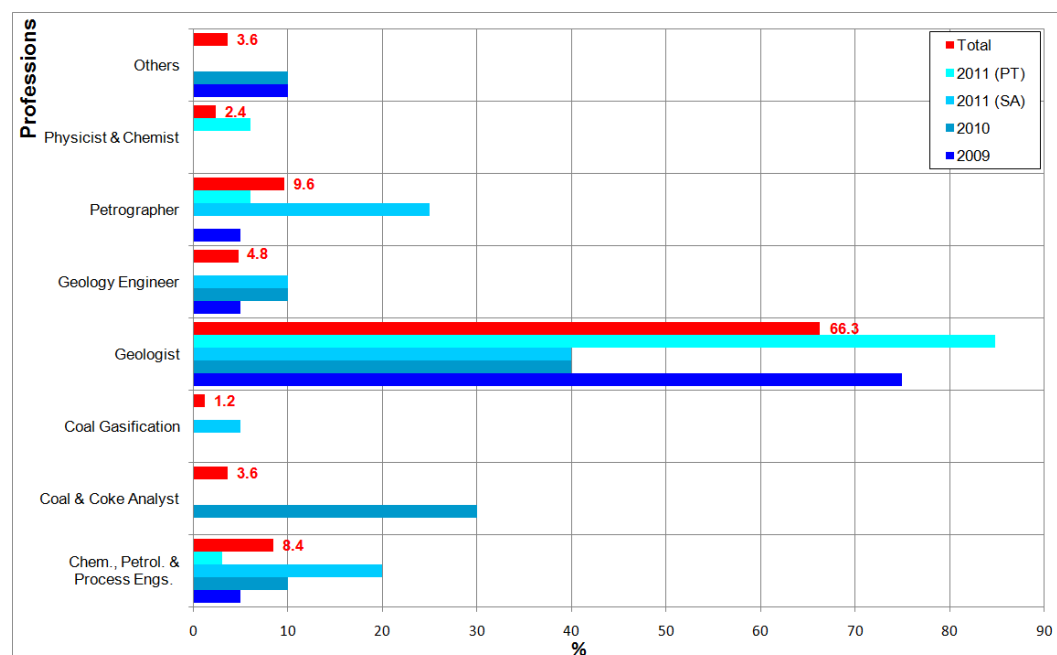


Fig. 2. Graph showing the main professions of the participants to the 4 courses.

Globally, students and persons from private companies or working private represent, respectively, 39% and 37% of the participants. Percentage of students was higher in Course 2 (50%) and less in Course 1 (30%). Course 2 had no representatives from private sector, which was better represented in Course 3.

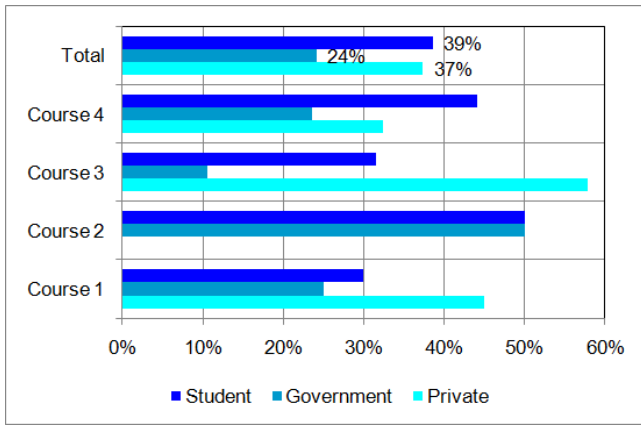


Fig. 3. Categories of the participants to the 4 courses

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#### 4. Fees

The graphic of Fig. 4 shows how fees varied on the 4 courses for the 3 categories defined (see point 3. entioned above). Due to the interest shown for the 1<sup>st</sup> course and because there was no profit for the ICCP, it was decided to increase the fees for the 2<sup>nd</sup> Course. Thus, fees wereiincreased from the 1<sup>st</sup> to the 2<sup>nd</sup> course for all categories, as seen in the graphic. Unfortunately, the number of participants of the 2<sup>nd</sup> Course decreased a lot, probably due to this increase and also due to international economic crisis.

For the 3<sup>rd</sup> Course, fees decreased to the level of the 1<sup>st</sup> course, except for the student’s category. For course 4, fees apparently decreased, but because excursion fee was not included as for the 3 former courses. The reason for this difference is that the excursion was also for the participants of the ICCP Annual Meeting, and therefore needed to be dealt with separately.

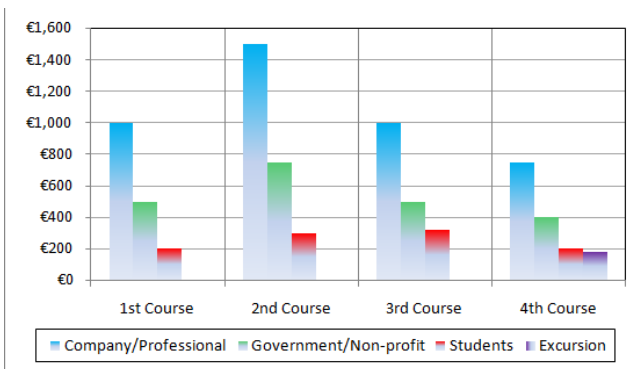


Fig. 4. Fees charged to the participants of the 4 courses. NB. Fees for the 3<sup>rd</sup> course were fixed in ZAR (South African Rands) and converted into Euros.

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#### 5. Results

The graphical evaluation presented in the next pages compares the average results for each question, giving a final score to all of them. Results varied from 1 (-) to 5 (+).

##### 5.1 Did the course meet your expectations? (Fig. 5)

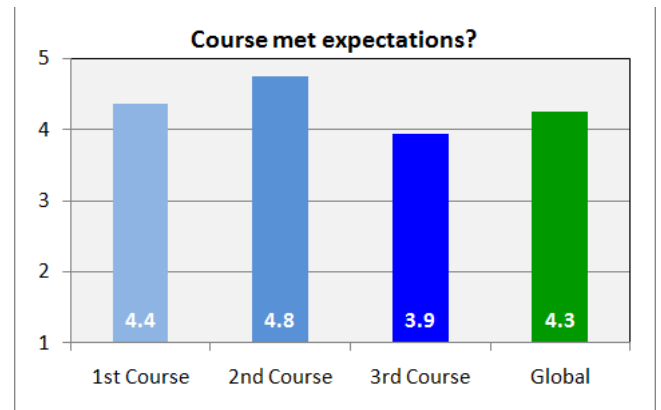


Fig. 5. Course met expectations?

Although with a global positive average of 4.3 (86%), there was a fall of 18% on the average from the 2<sup>nd</sup> course to the 3<sup>rd</sup> course, after an increase of 8% from the 1<sup>st</sup> to the 2<sup>nd</sup> course.

From the questionnaires no apparent reason is expressed that justifies this decrease.

##### 5.2 Are you satisfied with the Topics selected? (Fig.6)

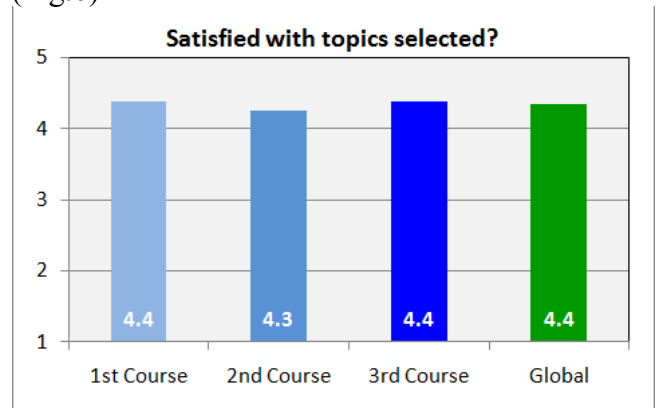


Fig. 6. Satisfied with topics selected?

The results for this question were practically the same in the 3 courses, between 4.3 and 4.4, with a general degree of satisfaction of 88%.

**5.3 Are you satisfied with the Duration of the Course?** (Fig. 7)

After equal results for the 2 first courses, there was a slight decrease for the 3<sup>rd</sup> course, of 6%. However the general satisfaction is 86%.

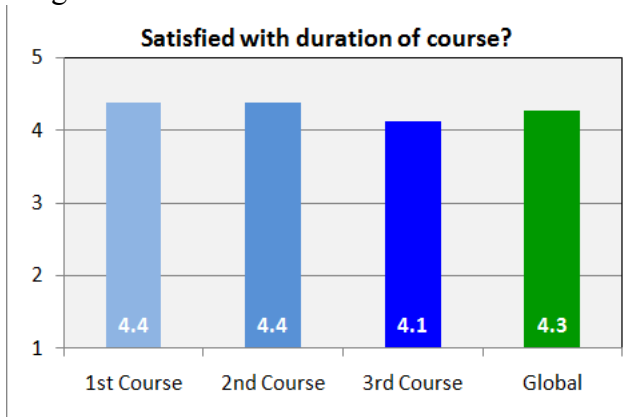


Fig. 7. Satisfied with duration of course?

**5.4 Are you satisfied with the ratio between theoretical/practical sessions?** (Fig. 8)

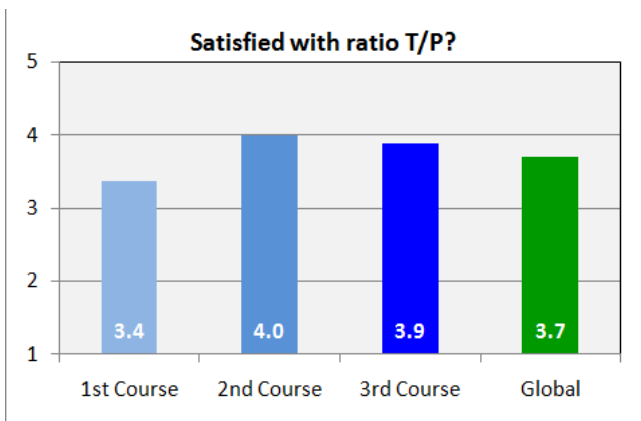


Fig. 8 Satisfied with the ratio theory/practice?

The graphic shows a good improvement from the 1<sup>st</sup> to the 2<sup>nd</sup> course, of about 12%, but a negligible decrease to the 3<sup>rd</sup> course.

The average, however, although positive, is low for our standards, so this is a point that should be addressed more carefully in future courses, including the next course in Porto (September 2011).

**5.5 Are you satisfied with the Training Materials?** (Fig. 9)

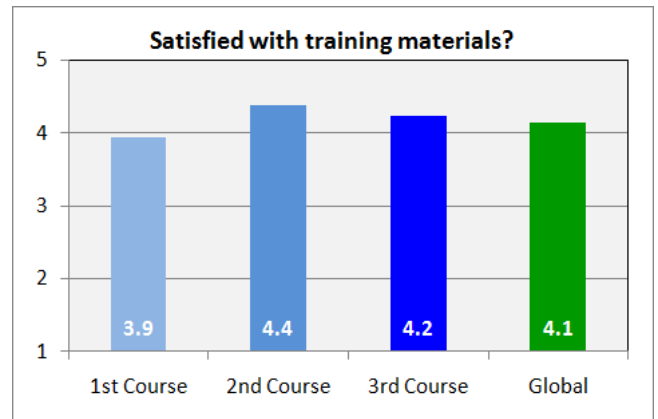


Fig. 9. Satisfied with training materials?

The satisfaction of the participants with the training materials improved 10%, and then decreased 4% from the 1<sup>st</sup> to the 3<sup>rd</sup> course.

However, the average is fairly good.

**5.6 Are you satisfied with the number & duration of breaks?** (Fig.10)

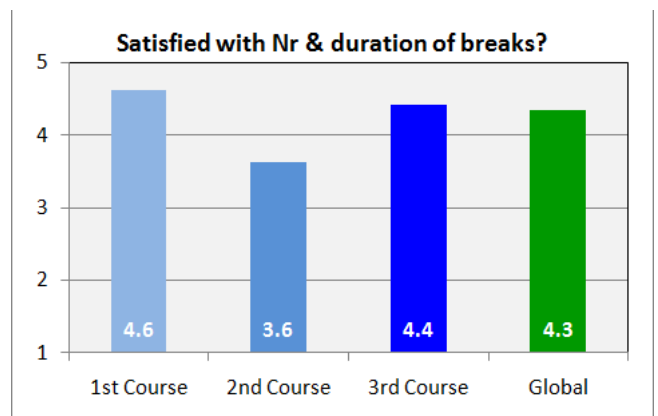


Fig. 10. Satisfied with number and duration of breaks?

After a good satisfaction during the 1<sup>st</sup> course, there was a great decrease of 20% to the 2<sup>nd</sup> course, but an increase of 16% to the 3<sup>rd</sup> course.

This gave a global average of 4.3, which is good.



**5.7 Are you satisfied with the Catering?** (Fig. 11)

**5.9 Are you satisfied with the venue?** (Fig. 13).

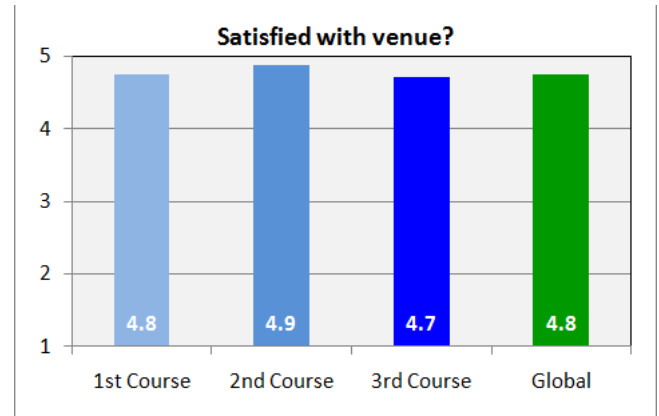
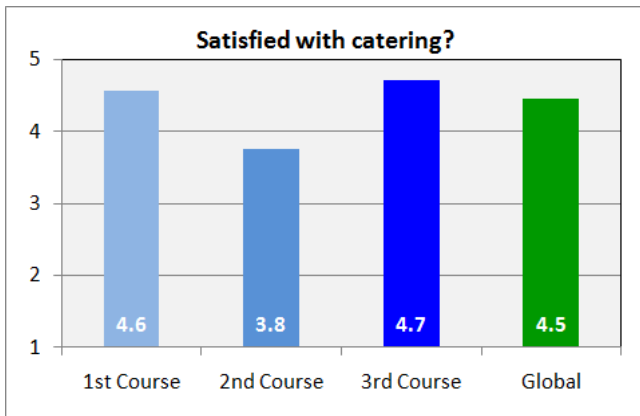


Fig. 11. Satisfied with catering?

Fig. 13. Satisfied with venue?

It appears that the 3<sup>rd</sup> course had the best food of all of them!!!

All venues were highly appreciated, with high standards!

**5.8 Are you satisfied with the Organization?** (Fig. 12)

**5.10 Are you satisfied with the trainers?** (Fig. 14)

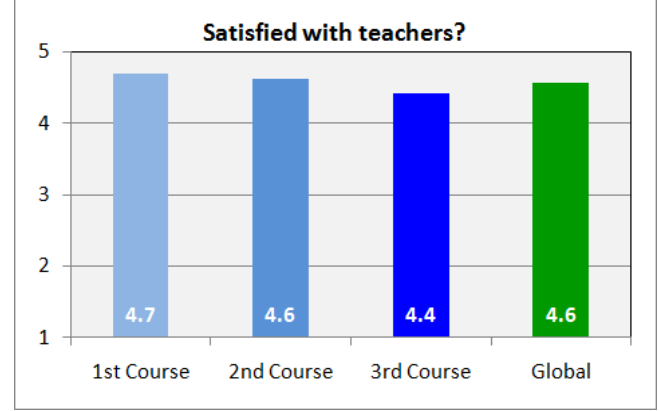
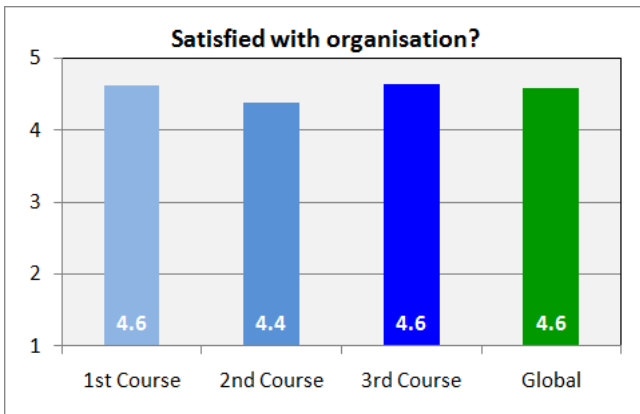


Fig. 12. Satisfied with organization?

Fig. 14. Satisfied with teachers?

In general the organisation was well appreciated in all courses, with a small decrease in the 2<sup>nd</sup>, which is not understandable, because the organisers in Potsdam had already the know-how from the 1<sup>st</sup> course.

Strange, that being the lecturers exactly the same, and giving the same contents (generally speaking), there is a decrease on the satisfaction level of the participants!

But never mind, the difference is not that big!!!

**5.11 Did the field trip meet your expectations?**  
(Fig. 15)

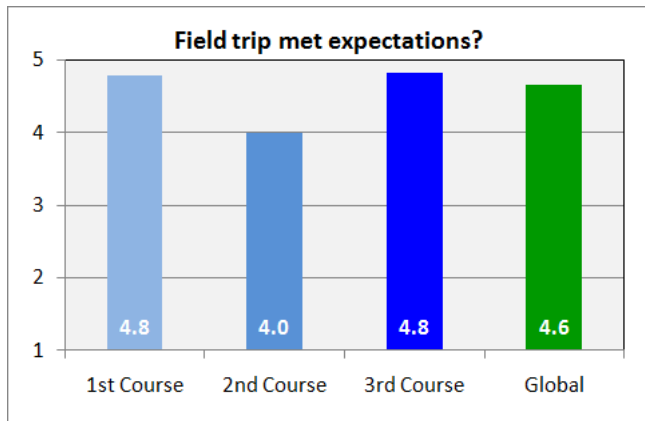


Fig. 15. Field trip met expectation?

Field trips were always very much appreciated, especially the excursions of the 1<sup>st</sup> and 3<sup>rd</sup> courses.

Excursion should then be maintained, despite some comments that they should be cancelled or reduced.

**5.13 Are you interested in specialised courses?**

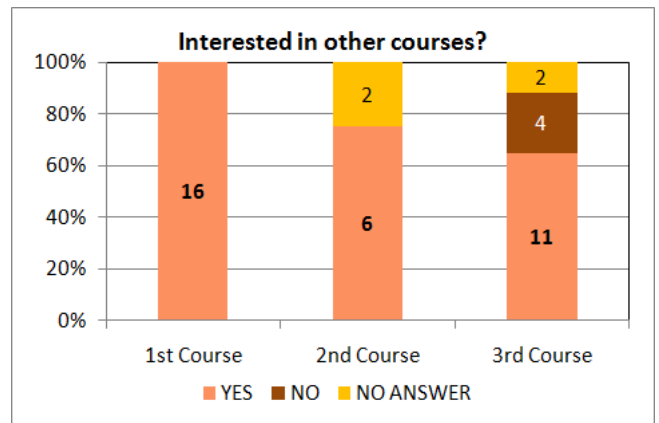


Fig. 17. Interest in other courses

Although some people did not answer to the question in the 2<sup>nd</sup> and 3<sup>rd</sup> courses, the majority is in favour of training courses in more specialised topics.

Interesting to note that in the 3<sup>rd</sup> course 4 people stated that they are not interested in other courses.

**5.12 GLOBAL EVALUATION** (Fig. 16)

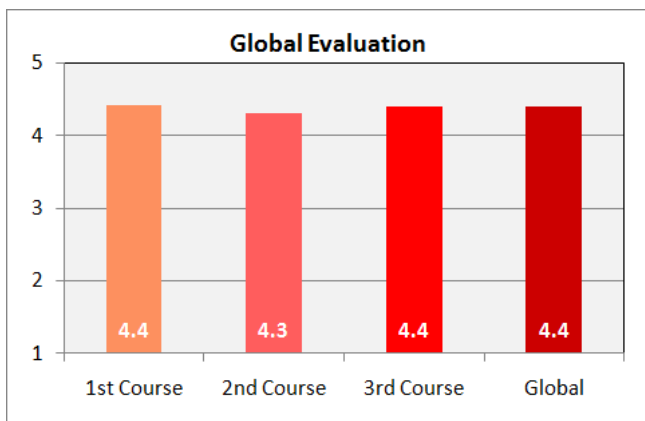


Fig. 16. Global Evaluation

The global evaluation of the three courses is very positive, with equal (or almost) averages.

This means a degree of satisfaction off 88%, which is highly recommendable.

**5.14 People responding to the questionnaire**  
(Fig. 18)

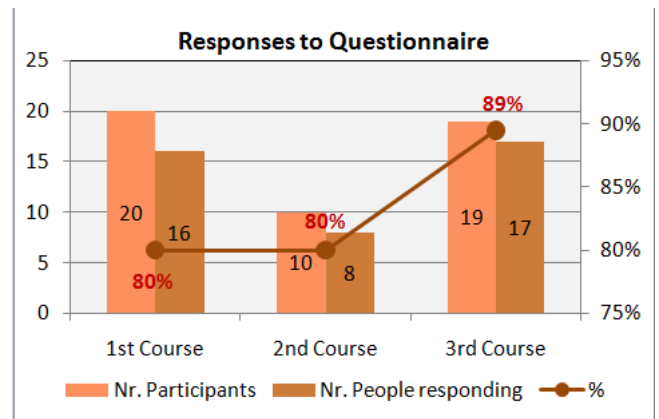


Fig. 18. Responses to Questionnaires

The percentage of people responding to the questionnaire increase since the 1<sup>st</sup> course (70%) to the 3<sup>rd</sup> course (89%).

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### 6. Topics suggested for future courses

The next two graphics (Fig. 19 and Fig. 20) show the topics suggested by the several participants during the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> courses and in global (graphic 4). Due to space issues, topics have been numbered (see legend).

From the analysis of the above graphics it is clear that the topics of more interest are Coke/char

petrography (21,2%, with peaks in courses 2 and 3) and Dispersed organic matter (19,2%). Char formation/petrography and maceral analyses are also of great interest, with 7.7%.

The interests shown in the three courses are quite different, but the first two topics were referred to in the questionnaires of all courses.

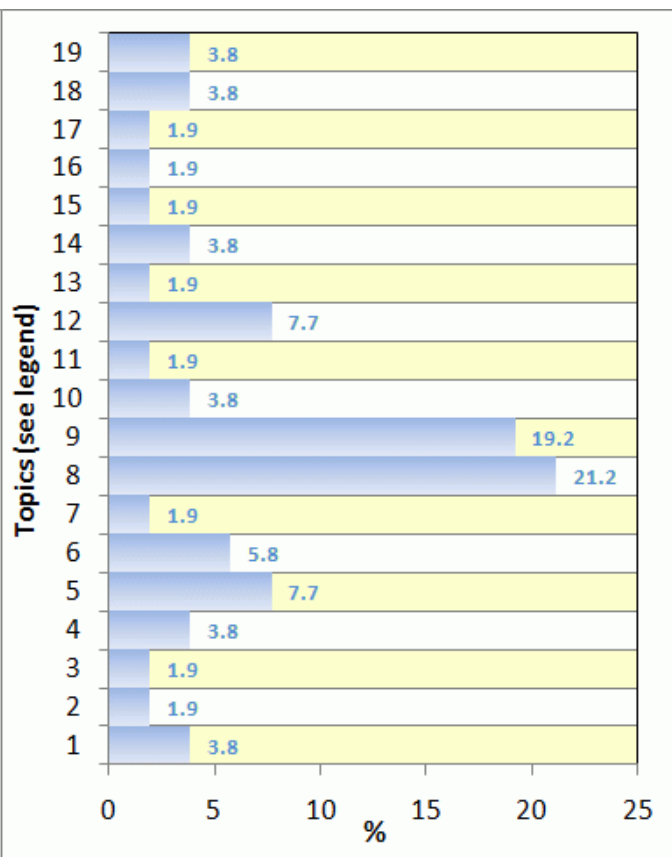
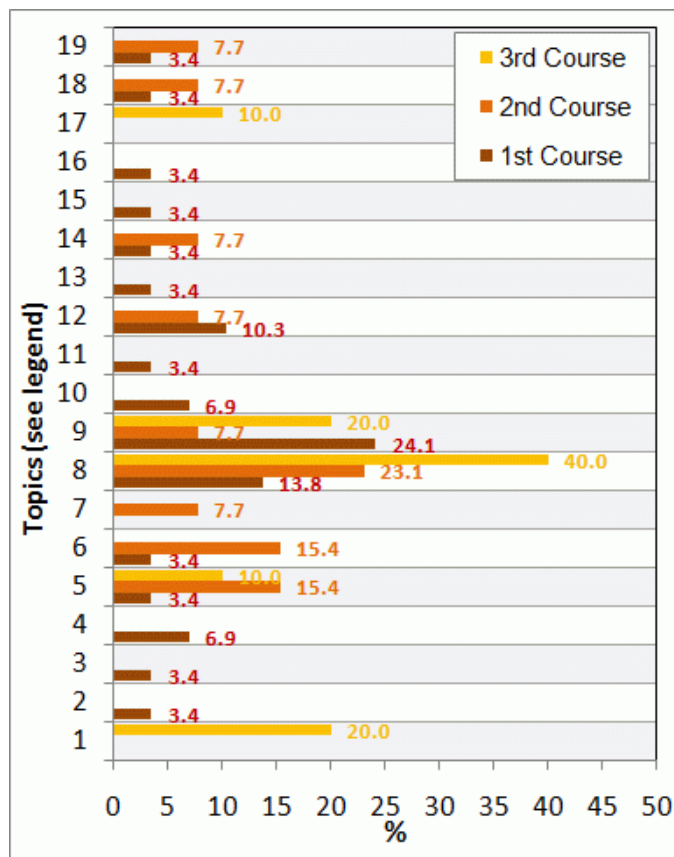


Fig. 19. Topics suggested by participants of the 3 first courses

Fig. 20. Global suggestions of topics for future courses

#### Legend to the numbers on X-axis

- |                               |                            |   |
|-------------------------------|----------------------------|---|
| 1 Applications of petrography | 8 Coke/char Petrography    | 14 PCI  |
| 2 Basin Modeling              | 9 Dispersed Organic Matter | 15 Pyrolysis                                      |
| 3 Biomarkers                  | 10 Fluorescence Microscopy | 16 Rock Mechanics/Coal petrography                |
| 4 CBM/ECBM                    | 11 Fly ash petrography     | 17 Sequence stratigraphy                          |
| 5 Char Formation/Petrography  | 12 Maceral analysis        | 18 $V_{r_{max}}$ and $V_{r_{random}}$ measurement |
| 6 Coal Blends                 | 13 Oil to Oil correlations | 19 What can go wrong during V measurement         |
| 7 Coal gasification           |                            |   |

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**7. Finances**

The two first courses had a total loss of 3.035,41 Euros, the greater loss being on the 2<sup>nd</sup> course (Fig. 21). However, financial results of the 3<sup>rd</sup> course gave a surplus of ZAR 114.000, equivalent to ca. 11.283 Euros, thus covering by far the losses of the former courses (8.247,59 Euros). There are still two registration fees for the 3<sup>rd</sup> Course we are still chasing after it, so the profit will increase.

We still do not have the final finances of the 4<sup>th</sup> course, but according to Prof. Deolinda, a profit is foreseen.

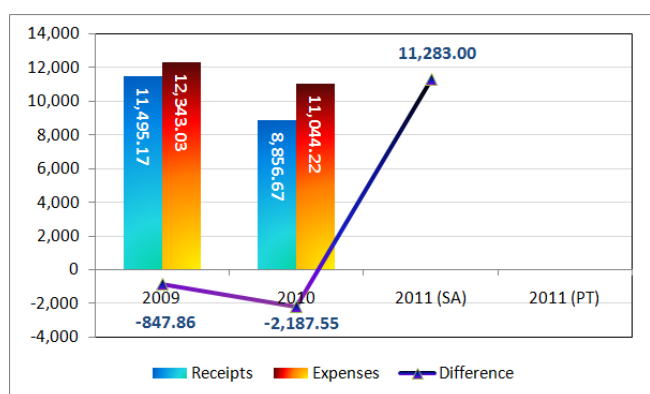


Fig. 21. Financial Results of the 3 courses with a very preliminary estimation for the 4<sup>th</sup> course

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**8. Conclusion**

Although there are some punctual differences in the evaluation of the several parameters between the three courses, the general evaluation is fairly constant, with no great differences.

The general evaluation is very positive and stimulating to continue with this program in coming years.

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**9. Acknowledgements**

As coordinator of the Training Program for the period 2009-2011, I would like to express my acknowledgments to the following people and organizations:

- a) Nikki Wagner, convenor of the training program and organizer of the South African course;
- b) Petra David and Angeles Gomez-Borrego, President and General Secretary of the ICCP for the continuous support to my duties as

- c) coordinator of the Training Program;
- c) Jennifer Pearson, Treasurer of the ICCP, for the excellent job in keeping track of the finances;
- d) All other ICCP Council Members for the kind and motivating words and comments along this period;
- e) Alan Cook, Claus Diesel and João Graciano Mendonça Filho, teachers of the courses, for the excellent job carried out. A word of appreciation goes also to Rosemary Falcon for her contributions to the teaching during the South African course;
- f) Antje Treutler and Andreas Küppers, from GFZ -Potsdam, for their incredible help in setting up the facilities for the two first courses;
- g) University of Witwatersrand staff for the help in setting up things in Johannesburg;
- h) Deolinda Flores and her staff at Porto University for the excellent arrangements for the DOM Course;
- i) Carl Hilgers for having made the microscope available for the practical session;
- j) GFZ-Potsdam for hosting the first two ICCP Training Courses; Witwatersrand University for hosting the third course, and the Department of Geoscience, Environment and Land Use for hosting the fourth course;
- k) TSOP for announcing our training courses in its Newsletter.
- l) Last but not least, all participants for the interest shown for the courses.

Maputo, 5<sup>th</sup> September, 2011.  
 Lopo Vasconcelos  
 Past Vice President of the ICCP  
 Course Coordinator

**Reminder from Commission II**

All Commission II working group conveners are reminded to upload the results from their working groups to the ICCP Commission II webpages. Presentations and updates to webpages from the Porto meeting can be made by contacting Taíssa Menezes at taissamenezes@petrobras.com.br

## Papers for IJCG

The Symposium on "New Trends in Coal Science" organized within the 63<sup>rd</sup> ICCP Annual Meeting held last September in Porto, Portugal, covered a wide range of scientific topics, highlighting recent advances in organic petrology and geochemistry integrated with geology. A broad range of topics was presented, including coal sciences, hydrocarbon source rock studies, applied coal utilization and environmental studies, both in oral and poster presentations. Selected papers from this Symposium will be published in a special issue of the International Journal of Coal Geology.

As Dr. Alan Cook has passed away on November 17 and the 63<sup>rd</sup> ICCP Annual Meeting was the last one attended by him, where he had a very active participation as instructor of the 4th ICCP Training Course, convener of the DOMVR Accreditation Program and just an ICCP member contributing with all his knowledge, this special issue of the IJCG will be dedicated to Dr. Alan Cook's memory.

The deadline for the submission of the full papers is 15th January 2012. I will act as guest editor of this volume and the Editor-in-Chief for this issue is Prof. Ralf Littke.

All submitted articles will be thoroughly reviewed in accordance with the guidelines of the journal. Articles which are not properly prepared and do not meet the standards of the journal, e.g. in terms of quality of English, quality of figures, documentation of data will have to be rejected without review process. Authors have to prepare references lists properly and only published articles should be cited (no abstracts, unpublished reports etc.).

All manuscripts must be correctly identified for inclusion into the special issue selecting me as the guest editor.

Porto, 2011.11.26  
Deolinda Flores

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## Call for participants to test ASTM D7708

A round robin exercise is being launched to develop a precision statement (repeatability and

reproducibility values) for the new ASTM test method D7708 for dispersed vitrinite reflectance measurement.

Participants will measure vitrinite reflectance for six different shale samples containing Type I-II-III kerogens, from geologic ages ranging from Devonian to Paleogene, and thermal maturities ranging from immature to overmature.

Samples will be distributed as crushed rock.

Analysts will measure samples in duplicate, following D7708. Detailed exercise protocols will be distributed with the samples and a hardcopy of D7708.

Please contact Paul Hackley at [phackley@usgs.gov](mailto:phackley@usgs.gov) to participate.

---

## ICCP Services

For more information, contact the convenors of the programs.

### ★ ICCP Reflectance Standard

Check the calibration of your reflectance standard against the ICCP standard!

For more information contact

Dr. Walter Pickel:  
Director - Organic Petrology  
Coal & Organic Petrology Services Pty Ltd  
P.O. Box 174  
Sans Souci, NSW 2229  
Australia  
Ph: +61-2-9524 0403 / Fax +61-2-9526 7083  
<mailto:walter.pickel@organicpetrology.com>

Also available through

Dr David Pearson  
David E. Pearson & Associates Ltd.  
4277 Houlihan Place  
Victoria, British Columbia V8N  
Canada  
Ph:+1-250 477 2548 / Fax:+1-250 477 4775  
<mailto:dpearson@coalpetrography.com>

### ★ Accreditation Programs

- Maceral Group Analysis of Coals  
convenor: Dr Kimon Christanis  
Department of Geology  
University of Patras  
26500 Rio-Patras, GREECE  
Phone +30-2610-99 7568/Fax+30-2610-99 1900  
<mailto:christan@upatras.gr>

- Vitrinite Reflectance of Coals  
convenor: Dr Kimon Christanis
- Coal Blend Analysis  
convenor: Dr Isabel Suárez-Ruiz  
Instituto Nacional del Carbón - CSIC  
Apartado 73  
33080 Oviedo, SPAIN  
Phone +34-98-511 9090 / Fax: +34-98-529 7662  
mailto:isruiz@incar.csic.es
- Vitrinite Reflectance of Dispersed Organic Matter  
contact:  
Deolinda Flores  
Chair of the Accreditation Subcommittee

## Call for Participation in the ICCP Accreditation Programs (Round 2012-2013)

The International Committee for Coal and Organic Petrology (ICCP) is pleased to invite you to participate in the next Accreditation round. We are aware of the extreme delay that the evaluation of DOMVR and CBAP 2010-2011 results are facing and we inform you that measures have been taken to solve the difficulties and prevent this to happen in the future. Participants will receive the results very soon. This delay will not modify the initial schedule of the next accreditation round and participants will receive the samples according to the scheme below. As a compensation for the troubles caused participants continuing in the **DOMVR** and **CBAP** programs will not be charged.

The ICCP has three Accreditation Programs:

- **Single Coal Accreditation Program (SCAP)** for both maceral group and vitrinite random reflectance analyses. In this program the ability of an analyst to identify and quantify the maceral groups and to identify and measure the vitrinite reflectance of a coal sample according to ISO standards is tested.  
*Organizer: Kimon Christanis*  
*mailto:christan@upatras.gr*
- **Dispersed Organic Matter Vitrinite Reflectance Accreditation Program (DOMVR)**. In this program the ability of an analyst to identify and measure the reflectance of vitrinite occurring as dispersed vitrinite in rocks such as carbonaceous shales or

hydrocarbon source rocks is tested.

*Organizer: Angeles G. Borrego*

*mailto:angeles@incar.csic.es*

- **Coal Blends Accreditation Program (CBAP)**. In this program the ability of an analyst to identify the number of coals in a blend and their petrographic characteristics such as vitrinite reflectance and maceral group composition according to ISO standards is tested. Organic petrology is the only technique able to yield information of the individual component coals within a coal blend.  
*Organizer: Isabel Suárez-Ruiz*  
*mailto:isruiz@incar.csic.es*

The ICCP offers discounts for those participating in more than one accreditation program and has established a procedure to facilitate payments in which a single invoice will be produced. This requires that participants return the **registration form** (available in the ICCP webpage) to the organizers and the ICCP Treasurer (Jen Pearson, [jen@coalpetrography.com](mailto:jen@coalpetrography.com)) **before the end of April** in order to expedite the procedures. In addition the timing of the exercises has been spaced to reasonably distribute the analytical load of the participants along the year. The expected timing is summarized in Table 1.

Table 1. General Schedule Proposed for 2012-2013 ICCP Accreditation exercises

	SCAP	DOMVR	CBAP
Announcement, call for participants and invoicing	February to May 2012	February to May 2012	February to May 2012
Sample distribution	April to June 2012	June to August 2012	December 2012
Reception of results	July to September 2012	September to November 2012	January to March 2013
Evaluation, Certificates and Web	October to December 2012	December 2012	April to June 2013
Certificates Validity	01.01.2013 to 31.12.2014	01.01.2013 to 31.12.2014	01.07.2013 to 30.06.2015

Different number of samples are to be analysed in the programs depending on your previous participation. Participants entering SCAP or

DOMVR programs or having lapsed for a round, have to analyse six samples, whereas continuation in the program requires the analysis of two samples. For CBAP, new entrants are expected to analyse two samples and continuation requires the analysis of a single sample.

No participation of automatic systems will be allowed in this round.

The samples for the exercises will be distributed once the organizer has been informed by the treasurer about the reception of the corresponding fee. The fees for the next Accreditation Round are summarized in Table 2. In addition, for participation in two ICCP accreditation programs a **10% discount** will be applied in the two of them and for participation in the three accreditation programs a 20% discount will be applied in the three of them.

Table 2. Fees for the 2012-2013 ICCP Accreditation Programs exercise.

	SCAP		DOMVR	CBAP
	Entry	Continuation	Entry	Entry
Non-Members, €	126	84	100	200
Members, €	63	42	50	100

Further details on the Accreditation Programs, evaluation procedures and screening method to limit outliers in the accreditation database can be found at the ICCP website ([www.iccop.org](http://www.iccop.org)) and can be also received by contacting the respective program organizers.

The ICCP accreditation programs have grown up and consolidated over the years and are now an efficient instrument for checking the ability and method of an analyst for petrographic analysis. If you are interested in joining the programs, please contact the corresponding organizers.

Deolinda Flores  
Chair of the Accreditation Subcommittee

## Answer to Know Your Coal Petrologist #47

AN easy KYCP since Cornelia Panaitescu (left) and Ivana Sýkorová (right) are so well know to ICCP members.

## WHAT'S HAPPENING

### 31 July -3 August 2012

#### **ICCP Training Course, Brisbane, Australia**

mailto:hip@geus.dk

mailto:j.esterle@uq.edu.au

<http://www.iccop.org/index.php?id=125>

### 5-10 August 2012

#### **34<sup>th</sup> IGC, Brisbane, Australia**

mailto:info@34igc.org

<http://www.34igc.org>

### 15-24 September 2012

#### **64<sup>th</sup> ICCP Meeting - Joint TSOP, Beijing, P.R. China.**

mailto:daishifeng@gmail.com

mailto:tsopiccp2012@gmail.com

<http://www.iccp-tsop2012.org>

### 15-18 October 2012

#### **2012 Pittsburgh Coal Conference, Pittsburgh, USA.**

mailto:ipcc@pitt.edu

### 12-15 November 2012

#### **2XIII ALAGO Congress, Santa Marta, Colombia.**

mailto:diego.garcia@xiiialagocongress.com

<http://www.xiiialagocongress.com>

### Planned Future ICCP Meetings

2013 Sosnowiek, Poland

2014 open for applications

2015 Tete, Mozambique

## ICCP Publications and Training Materials

ICCP publications are available by ordering from the editor. **DO NOT SEND PAYMENT** - an invoice will be issued for payment.

### Orders to

Dr Peter Crosdale

ICCP Editor

PO Box 54, Coorparoo, Qld 415, Australia

mailto:peter.crosdale@energyrc.com.au



63<sup>rd</sup> ICCP Meeting Porto, 2011. Key to persons can be found on pages 24 - 25.

### **ICCP Handbook**

- ★ *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  
ICCP / TSOP member - **20€** (including postage)  
ICCP non-member - **40€** (including postage)
- *International Handbook of Coal Petrography, supplement to the 2<sup>nd</sup> edition*, second print (in English) 1985 - **24€**
- ★ *International Handbook of Coal Petrography, 2<sup>nd</sup> supplement to the 2<sup>nd</sup> edition* (in English) 1986 - **8€**
- ★ *International Handbook of Coal Petrography, 3<sup>rd</sup> supplement to the 2<sup>nd</sup> edition* (in English) 1993 - **16€**  
Prices do not include shipping unless stated or cost of money transfer.

### **Atlas of Anthropogenic Particles**

A digital atlas of anthropogenic particles largely derived from fossil fuel sources. The atlas contains 543 images grouped by source and by site of occurrence. For details, see ICCP News No. 39, November 2006 pp 55 - 56.  
Cost: **16€** including postage

### **ICCP Training Material on Vitrinite Reflectance Measurements in Dispersed Organic Matter**

A CD and set of 4 polished grain mounts to be used as training material for learning about the appearance of dispersed vitrinite in rocks and about the measurement of its reflectance. Only a limited number of grain

mounts are available. CDs can be purchased separately. For details, see ICCP News No. 39, November 2006 pp 53 - 54.

#### Cost:

- CD + polished sample set **40€** including postage (ICCP / TSOP member)
- CD + polished sample set **120€** including postage (non-members)
- CD only **16€**

### **ICCP Training kit for spectral fluorescence measurements in Dispersed Organic Matter**

The set contains two polished blocks with samples from Posidonia and Irati shales and the excel sheet with the results of the round robin exercises performed on these samples.

#### Cost:

- samples + excel sheet **30 €** including postage (ICCP/TSOP member)
- samples + excel sheet **90 €** including postage (non members)

### **Training Course on Dispersed Organic Matter**

Training course on DOM material is available.

#### Cost:

- Printed version **75 €**
- Electronic version **50 €**

#### **If undeliverable return to :**

Dr P. Crosdale, Editor, ICCP  
Energy Resources Consulting Pty Ltd  
PO Box 54, Coorparoo, Qld 4151 AUSTRALIA