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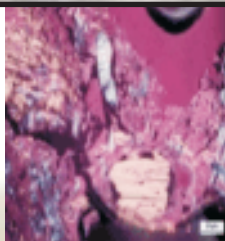
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News

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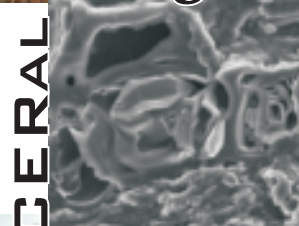
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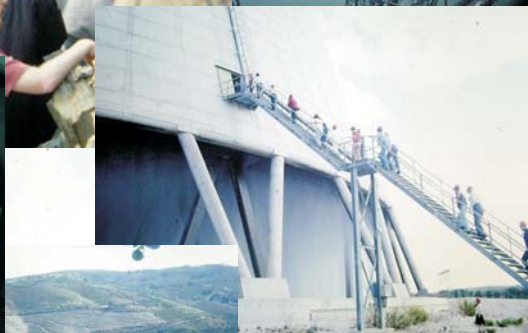
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Char



remember the 50th ICCP Meeting in Porto in 1998?
come to the 63rd this September



1998 images by P. Crosdale

inside
this
issue

3 ed. / pres. / gen. sec.

4 registration vote results

7 Porto meeting

8 programme details

12 symposium

17 training in southern Africa

18 astm

20 ICCP publications

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From the Editor

It is really excellent to see the high participation rate of ICCP members in the recent voting rounds. The returns on the Council positions was really very good at 72%. Although the participation in the question of registration was somewhat lower at 51% of eligible voters, the results were nevertheless decisive.

Formalisation of ICCP as an organisation has been a long process, and necessarily so. It was not a decision to be taken lightly. In my view, it will have many unsuspected benefits to ICCP as we move forward into new areas of activity. Of special interest are the ICCP Short Courses which are proving to be extremely popular. It is much easier to organise such activities if you are an officially recognised body rather than a loose association. There are particular benefits for participants as well since any participation certificates will carry more weight being issued by a formal organisation.

Council elections have also been unusually significant this time. The re-election of Petra David as President is especially important to see the registration of ICCP through to completion. Petra has a unique understanding of this issue, firstly as General Secretary when the process was first being developed and then as President for the voting. The election of Henrik Petersen as vice-President is also an important event. Henrik will have a hard job to follow on from Lopo, who has been instrumental in keeping the Short Course activities going.

Congratulations Petra, Henrik and ICCP Members who voted! See you in Porto.

Peter

From the President

Dear colleagues,

only a few weeks and the 63rd ICCP meeting will take place in Porto. For the first time, the meeting will be associated by a 3 day ICCP Training Course on Dispersed Organic Matter, to which more than 30 persons have registered. A lot of energy has again been put in the preparation of this high quality course and my thanks go to all those involved.

As you can read elsewhere in the Newsletter, the vote on registration was in favour and ICCP will register in Canada. I think that this is a very positive development for a number of reasons. Preparations for the process have started and Council will keep you informed on the progress.

I am very happy to inform you that the Reinhardt Thiessen Award Committee has been re-established recently. The Committee has elected Alan Davis as the Chair, who has kindly provided a short note on the forthcoming activities of the Committee.

I hope that many of you will attend the meeting and field trip and look forward to seeing you soon.

Best regards

Petra David
mailto:petra.david@wintershall.com

From the General Secretary

This year has been a busy year with decisions. After the vote of ICCP membership in 2005 in favour of ICCP becoming a formally registered organization, Full members had to decide on both formal registration and the jurisdiction. You will find in the newsletter pages the information provided for the ballots and the results of the elections reported by Harold Smith (ICCP Returning Officer). The participation was only slightly over 50% but one of the options attracted a clear majority of the votes.

At the beginning of August closed the voting period for electing the President and Vice-President of the ICCP. The participation in the elections reached 72 % and as outcome of the ballots Petra

Institutional Members of ICCP



<http://www.tatasteel.com>

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David has been re-elected as President and Henrik Petersen as Vice-President of the ICCP. Detailed information will be provided at the forthcoming Meeting and in the next ICCP News Issue. Thanks to all of you for participating in the elections.

Best Regards

Angeles G. Borrego
ICCP General secretary
mailto:angeles@incar.csic.es

Vote on Registration of ICCP and Jurisdiction

Development of the ballots and Returning Officer Report

Angeles G. Borrego. General Secretary of ICCP

The 24th of January 2011 the ballots for taking a decision on Registration of ICCP and Jurisdiction were initiated. The question whether the ICCP should become a formal registered organization was put for vote in 2005 to search the whole membership opinion on this matter. The results showed that the majority of those voting were in favour of registration (45 members for, 13 members against, 3 abstentions). As registration requires a modification of statutes the question was put again this year to the Full members together with various jurisdictions to select. A total of 94 Full ICCP members were eligible to vote. According to *Resolution ICCPC10/12/1* regarding the options for jurisdictions, the following options were offered to full members: Register in Australia (NSW), Register in Canada, Register in Spain, and Non Register. Instructions, voting material and accompanying information were provided and the deadline was fixed on Friday, April 15th, 2011.

Below is the information provided as additional information:

Pre-amble

ICCP as currently organized does not have formal status. If registered, we would become an NGO similar to many other NGOs in a wide range of fields.

What ICCP cannot do as an informal organization?

1. Take part in organizations such as ECOSOC (a UN agency);
2. Hold copyright on its publications; or
3. Take out insurance on behalf of any of its activities.

It has also been suggested that programs such as those for Accreditation would have much greater recognition if ICCP were formally registered.

If registered – then what?

ICCP would have to comply with a number of formalities in order to become registered. The Statutes would require revision to confirm with the body under which registration was undertaken. It is normal for registered organizations to have professional liability insurance. The accounts would require auditing with audited accounts sent in with the annual returns in the same way that companies make annual returns and report annual audited accounts.

If ICCP is registered it would have an identification with the country where it is registered. Although this might be viewed as an undesirable step, to some extent this has already happened with the existence of the Statutes, which are subject to English Law. There is no such thing as registration as an International organization. Even the UN requires that organizations have a National identity.

Information was collected from Australia, Canada, Greece, Portugal and Spain. At the last meeting in Belgrade it was agreed that the options would be reduced to the three countries in which the conditions and requirements were more similar. Rules and costs of registration vary between countries but those put for vote would permit ICCP to operate in much the same manner as it has with its administration being undertaken by Council officers in essentially the same way. A summary of estimated costs in the three jurisdictions for vote are:

Costs in EUR (from App I)	Canada	Australia	Spain
Application	102	305	50
Redrafting of statutes. This could probably be done by members, or using the pro-formas that are available from registering organizations.			325 (Official Translation. Statutes must be in Spanish)
Total Initial Costs	102	305	375
Annual registration fees	19	45	11
Insurance. No information available. Estimate based on analogs.	900	880	900
Accountant/Auditing of books and accounts	Required only for reporting society. If public officer costs would rise	900	2500
Total Annual Cost	920+public officer if wished	1825	3411

The total annual cost of continuing registration is likely to be of the order of EUR 2000-3000 that is equivalent to an annual fee of EUR 10-15 per current member. As a significant part of the cost could be attributed to insurance associated with the Accreditation Program, the actual effect upon fees would be less. Additionally, if ICCP were registered, there may be circumstances where grant income could be obtained that might more than offset the costs of registration.

Summary of Pros and Cons for registration

Arguments exist both for progression to registration and for retaining the *status quo*.

For present form of ICCP.

1. Minimum financial cost.
2. Status of relatively informal organization has worked in the past.

For registration:

1. ICCP has already changed on a number of occasions; another change is not inconsistent with the past.
2. ICCP with around 200 members now needs a more formal structure to assist with further development.
3. The parts of an Accreditation Program are better

- accommodated within a registered organization that can have standing with other organizations.
4. Having insurance would provide cover for ICCP especially in relation to the Accreditation Program.
 5. If new sources of funding become available, the possible benefits are limited mostly by the abilities of the membership.

Report of the Returning Officer (Harold Smith) about the ballot on Registration of ICCP and Jurisdiction

Voting restricted to the 94 Full Members of ICCP.

Registration

Registration	Number of votes	Percentage valid votes (37)	Percentage eligible votes (94)
Register	26	70	28
Do not register	11	30	12
Total Valid Votes	37		

Jurisdiction

Jurisdiction	Number of votes	Percentage valid votes (26)
Australia	2	8
Canada	19	73
Spain	5	19
Total for Register	26	

Invalid (unsigned) Votes 11 Note: these returns do not alter the outcome

51% of full membership, including those who did not identify themselves, voted.

Correction to Know Your Coal Petrologist #45

KYCP #45 (the group photo of the 1998 Porto meeting) has turned out to be a small can of worms and some apologies are in order. My defence is that

I took the list of persons from the information distributed with the photo. Person #26 is actually Lorna Davis and not Ivana Sýkorová. So thank you for some very sharp eyes - it seems that some people do indeed know their coal petrologist!

Know Your Coal Petrologist #46



A trip to the oracle at Delphi (2005 Patras) has left these two coal petrologists wondering what the future might bring. We might not know what was revealed but we can certainly find out to whom it was revealed on page 19.

**63rd Annual Meeting of the International Committee for Coal and Organic Petrology (ICCP)
September 10-16, 2011, Porto, Portugal**

Sponsors

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63rd Annual Meeting of the International Committee for Coal and Organic Petrology (ICCP)

September 10-16, 2011, Porto, Portugal

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

The 63rd Annual Meeting of the International Committee for Coal and Organic Petrology hosted by the University of Porto will be held in Porto (Portugal) in September 10-16, 2011. The meeting venue is:

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

Address:

Faculdade de Ciências da Universidade do Porto
Rua do Campo Alegre, 687
4169-007 PORTO
PORTUGAL
<http://www.fc.up.pt/>

For the most up to date information, visit the ICCP website:

<http://www.iccop.org/index.php?id=6>

or contact:

Deolinda Flores

Mail to: 63ICCP@fc.up.pt or dflores@fc.up.pt

Details of accommodation, travel, registration form, etc. can be found in the ICCP News #52, April 2011, on pages 5 to 10.

Meeting Schedule

63rd Annual Meeting of the International Committee for Coal and Organic Petrology (ICCP)
September 10-16, 2011, Porto, Portugal

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

MEETING SCHEDULE

Time	Saturday 10-Sep	Sunday 11-Sep	Monday 12-Sep	Tuesday 13-Sep	Wednesday 14-Sep	Thursday 15-Sep	Friday 16-Sep		
8.30-9.00	Council Meeting	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Registration	Commission III Industrial Applications of Coal Petrology	Commission I General Coal and Organic Petrology	Commission II Geological Applications of Coal and Organic Petrology	Symposium "New Trends in Coal Science"		
9.00 - 9.30			Welcome						
9.30 - 10.00			Keynote Lecture (Galp Energia President)						
10.00 - 10.30			Coffee Break						
10.30 - 11.00	Lunch break	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Opening Plenary Session of the ICCP General Assembly	Commission III Industrial Applications of Coal Petrology	Commission I and II	Commission II Geological Applications of Coal and Organic Petrology	Symposium "New Trends in Coal Science"		
11.00 - 11.30			Lunch break	Lunch break	Lunch break	Lunch break			
11.30 - 12.00			Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Opening Plenary Session of the ICCP General Assembly	Commission I General Coal and Organic Petrology	Commission II Geological Applications of Coal and Organic Petrology		Closing Plenary Session ICCP General Assembly	Symposium "New Trends in Coal Science"
12.00 - 12.30				Commission III Industrial Applications of Coal Petrology					
12.30 - 13.00	Lunch break	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
13.00 - 13.30			Commission III Industrial Applications of Coal Petrology						
13.30 - 14.00	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Commission III Industrial Applications of Coal Petrology	Commission I General Coal and Organic Petrology	Commission II Geological Applications of Coal and Organic Petrology	Evening Conference Dinner "Três Séculos" Restaurant	Symposium "New Trends in Coal Science"		
14.00 - 14.30			Commission III Industrial Applications of Coal Petrology						
14.30 - 15.00	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Coffee Break	Coffee Break	Coffee Break	Evening Conference Dinner "Três Séculos" Restaurant	Symposium "New Trends in Coal Science"		
15.00 - 15.30			Commission III Industrial Applications of Coal Petrology						
15.30 - 16.00	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Commission III Industrial Applications of Coal Petrology	Commission I General Coal and Organic Petrology	Commission II Geological Applications of Coal and Organic Petrology	Evening Conference Dinner "Três Séculos" Restaurant	Symposium "New Trends in Coal Science"		
16.00 - 16.30			Commission III Industrial Applications of Coal Petrology						
16.30 - 17.00	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Coffee Break	Coffee Break	Coffee Break	Evening Conference Dinner "Três Séculos" Restaurant	Symposium "New Trends in Coal Science"		
17.00 - 17.30			Commission III Industrial Applications of Coal Petrology						
17.30 - 18.00	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Commission III Industrial Applications of Coal Petrology	Commission I General Coal and Organic Petrology	Commission II Geological Applications of Coal and Organic Petrology	Evening Conference Dinner "Três Séculos" Restaurant	Symposium "New Trends in Coal Science"		
18.00 - 18.30			Commission III Industrial Applications of Coal Petrology						
18.30 - 19.00	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Coffee Break	Coffee Break	Coffee Break	Evening Conference Dinner "Três Séculos" Restaurant	Symposium "New Trends in Coal Science"		
19.00 - 19.30			Commission III Industrial Applications of Coal Petrology						
19.30 - 20.00	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Coffee Break	Coffee Break	Coffee Break	Evening Conference Dinner "Três Séculos" Restaurant	Symposium "New Trends in Coal Science"		
20.00 - 20.30			Commission III Industrial Applications of Coal Petrology						
20.30 - 21.00	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Field Trip "The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation"	Coffee Break	Coffee Break	Coffee Break	Evening Conference Dinner "Três Séculos" Restaurant	Symposium "New Trends in Coal Science"		
21.00 - 21.30			Commission III Industrial Applications of Coal Petrology						

Program Overview

Saturday, 10 September

08:30 – 13:00 ICCP Council Meeting
11:00 – 13:00 Registration for field trip participants
13:00 – 14:00 Lunch Break
14:00 – Field trip departure

Sunday, 11 September

08:00 - 18:30 Field trip to the Lusitanian Basin,
west coast of Portugal
18:30–20.30 Vinho Verde Ice-Break Party

Monday, 12 September

08:30 - 09:00 Registration
09:00 - 09:30 Welcome of the Organizing
Committee
09:30 - 10:30 Keynote Lecture by Eng. Manuel
Ferreira de Oliveira, President of GalpEnergia
10:30 - 11:00 Coffee Break
11:00 - 12:30 63rd ICCP Meeting. Opening Plenary
Session of the ICCP General Assembly
12:30 – 14:00 Lunch Break
14:00 – 16:30 Opening General Assembly Session
and Meeting of ICCP Commission III
16:30 – 17:00 Coffee Break
17:00 – 19:00 Meeting of ICCP Commission III

Tuesday, 13 September

08:30 - 10:30 Meeting of ICCP Commission III
10:30 - 11:00 Coffee Break
11:00 - 12:30 Meeting of ICCP Commission III
12:30 – 14:00 Lunch Break
14:00 – 16:30 Meeting of ICCP Commission I
16:30 – 17:00 Coffee Break
17:00 – 19:00 Meeting of ICCP Commission I

Wednesday, 14 September

08:30 - 10:30 Meeting of ICCP Commission I
10:30 - 11:00 Coffee Break
11:00 - 11:45 Meeting of ICCP Commissions I
11:45 - 12:30 Meeting of ICCP Commissions II
12:30 – 14:00 Lunch Break
14:00 – 16:30 Meeting of ICCP Commission II
16:30 – 17:00 Coffee Break
17:00 – 19:00 Microscope Session
19:00 – 20:30 ICCP Council Meeting

Thursday, 15 September

08:30 - 10:30 Meeting of ICCP Commission II
10:30 - 11:00 Coffee Break
11:00 - 12:30 Meeting of ICCP Commission II

12:30 – 14:00 Lunch Break

14:00 – 17:00 Closing Plenary Session of the ICCP
General Assembly

19:00 – 22:00 Conference Dinner

Friday, 16 September

10:00 - 12:30 Symposium “New Trends in Coal
Science” – oral presentations

12:30 – 14:00 Lunch Break

14:00 – 16:30 Symposium “New Trends in Coal
Science” – oral presentations and poster viewing

16:30 – 17:00 Coffee Break and Poster Viewing

17:00 – 19:00 Symposium “New Trends in Coal
Science” – poster viewing



Faculty of Sciences, University of Porto

Detailed Program

Saturday, 10 September

08:30–13:00 ICCP Council Meeting. Faculty of
Sciences, FC5 building, room 1.2 (1st floor).

Agenda for the 63rd ICCP Council Meeting in
Porto, Portugal, 10th-16th September 2011

Council Meeting at 08.30h on 10th September,
resuming at 19.00h on 14th September if required.

1. Apologies for non-attendance
2. Minutes of Previous Meeting
 - 2.1 Minutes of Council Meeting
 - 2.2 Minutes of the Plenary Sessions
 - 2.3 Arrangement of the Agenda
 - 2.4 Business arising from the minutes
3. Arrangements for the Porto meeting
4. Registration of ICCP

- 4.1 Results of the Ballots for ICCP Registration and Jurisdiction
- 4.2 Steps to be followed according to Canadian law
5. Revision of the Statutes
6. Awards
 - 6.1 Reconstituted Thiessen Medal Award Committee
 - 6.2 Thiessen Medal Award
 - 6.3 Organic Petrology Award
7. Elections
 - 7.1 Results of the Elections in 2010-2011
 - 7.2 Nominations for Elections in 2011-2012
8. Membership
 - 8.1 Applications for Associate membership
 - 8.2 Applications for Full membership
 - 8.3 Admissions made between meetings
 - 8.4 Resignations
 - 8.5 Expiring Membership
 - 8.6 Membership Directory 2010
 - 8.7 Honorary Members 2011
 - 8.8 Other membership matters
9. Financial matters
 - 9.1 Treasurers Report 2010-2011
 - 9.2 Budget 2011/2012
10. Editor
 - 10.1 Activities for 2010-2011
 - 10.2 Proposals for 2011-2012
11. Accreditation Program
12. ICCP training activities
13. Website
 - 13.1 Site design
 - 13.2 Activities in 2010-2011
 - 13.3 Proposals for 2011-2012
14. New Handbook
 - 14.1 Activities in 2010-2011
 - 14.2 Proposals for 2011-2012
15. Future meetings
 - 15.1 Meeting in 2012 in Beijing, China
 - 15.2 Meeting in 2013 in Katowice, Poland
 - 15.3 Place for the 2014 Meeting
 - 15.4 Meeting in 2015 in Tete, Mozambique
16. Relations with TSOP
17. Feedback from members
18. Other business

11:00–13:00 Registration for field trip participants. Faculty of Sciences, FC2 building, “Sala de Exposições”

13:00–14:00 Lunch Break

14:00 Bus service. Delegates pick-up to the field trip. Faculty of Sciences, Via Panorâmica close to FC3 building. Porto – Óbidos (sightseeing visit) – Peniche (dinner and overnight stay at Hotel Praia Norte).

Sunday, 11 September

08:00-18:30 Field trip “The Lower Jurassic of the west coast of Portugal: stratigraphy and organic matter in carbonate sedimentation”. Peniche (*observation of a complete sequence of the Lower Jurassic of the Lusitanian Basin*) – Nazaré (*sightseeing visit*) – S. Pedro de Moel (*lunch at Cervejaria Camões and visit of a Jurassic succession of marl-limestone rich in organic matter*)

18:15- Bus service at Porto. ICCP delegates pick-up at Faculty of Sciences, Via Panorâmica close to FC3 building, to Casa do Vinho Verde.

18:30–20.30 Vinho Verde Ice-Break Party at Casa do Vinho Verde gardens.



“Cervejaria Camões” S. Pedro de Muel

Monday, 12 September

08:30-09:00 Registration. Faculty of Sciences, FC2 building, “Sala de Exposições”.

09:00-09:30 Welcome of the Organizing Committee. Faculty of Sciences, FC2 building, A1 room.

09:30-10:30 Keynote Lecture by Eng. Manuel Ferreira de Oliveira, President of GalpEnergia. Faculty of Sciences, FC2 building, A1 room.

10:30- 11:00 Coffee Break and Tuna da Faculdade de Ciências da Universidade do Porto – Javardémica show. Faculty of Sciences, FC2 building, “Sala de Exposições”

11:00-12:30 63rd ICCP Meeting Opening Plenary Session of the ICCP General Assembly.

Faculty of Sciences, FC2 building, A1 room.

Opening by Dr. Petra David (ICCP President)

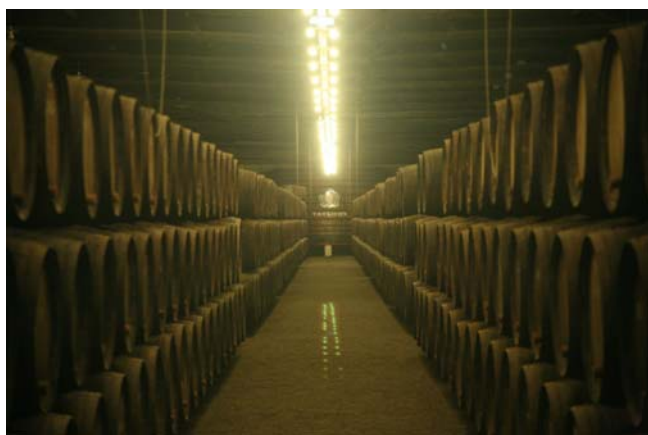
1. Apologies for Non-attendance
2. Minutes of Previous Meeting
3. Arrangements for Porto Meeting
4. Future Meetings
5. Membership
6. Elections
7. ICCP Statutes - Registration
8. Revision of Statutes

12:30–14:00 Lunch Break

14:00–15:30 63rd ICCP Meeting. Opening Plenary Session of the ICCP General Assembly (continued).

Faculty of Sciences, FC2 building, A1 room.

9. ICCP Training Activities
10. Financial matters
11. Editor's Report
12. ICCP Accreditation program
13. Website



Taylor's cellars

15:30–16:30 Meeting of ICCP Commission III. Faculty of Sciences, FC2 building, A1 room.

15:30-16:00 Updating the activities of the Commission III during the last year - Isabel Suárez-Ruiz and Georgeta Predeanu

16:00-16:30 Coke Petrography - Heicke Eickhoff, Carmen Barriocanal and Alan Cook

16:30–17:00 Coffee Break and Tuna da Faculdade de Ciências da Universidade do Porto – Javardémica show. Faculty of Sciences, FC2 building, “Sala de Exposições”

17:00–19:00 Meeting of ICCP Commission III (continued). Faculty of Sciences, FC2 building, A1 room.

17:00-17:40 Improved Image Analysis - Cristina Rodrigues

17:40-18:00 Automation - Barry Jenkins

18:00-19:00 Accreditation Programme on Coal Blends - Isabel Suárez-Ruiz

Tuesday, 13 September

08:30-10:30 Meeting of ICCP Commission III (continued). Faculty of Sciences, FC2 building, A1 room.

08:30-09:15 Carbon Materials - Georgeta Predeanu and Cornelia Panaitescu

09:15-10:15 Identification and petrographic classification of components in fly ashes - Isabel Suárez-Ruiz and Bruno Valentim

10:15-10:30 Gasification - Nicki Wagner

10:30-11:00 Coffee Break. Faculty of Sciences, FC2 building, “Sala de Exposições”

11:00-12:30 Meeting of ICCP Commission III (continued). Faculty of Sciences, FC2 building, A1 room.

11:00-12:00 Self heating in coal and coal waste dumps - Magdalena Misz-Kennan

12:00-12:30 Conclusion of the activities of the Commission III - Isabel Suárez-Ruiz and Georgeta Predeanu

12:30–14:00 Lunch Break

14:00–16:30 Meeting of ICCP Commission I. Faculty of Sciences, FC2 building, A1 room.

14:00–14:10 Opening Address – Deolinda Flores and Stavros Kalaitzidis

14:10–15:10 ICCP Training Program – Lopo Vasconcelos and Nikki Wagner

15:10–16:10 Single Coal Accreditation Program – SCAP – Kimon Christanis

16:10–16:30 Suberinite Working Group – Peter Crosdale

16:30 – 17:00 Coffee Break. Faculty of Sciences, FC2 building, “Sala de Exposições”

17:00 – 19:00 Meeting of ICCP Commission I (continued). Faculty of Sciences, FC2 building, A1 room.

- 17:00–18:00 Standardization Working Group – Walter Pickel
18:00–18:10 Reflectance Standard – Walter Pickel and Carl Hilgers
18:10–18:30 Peat Petrography Working Group – Kimon Christanis and Stavros Kalaitzidis
18:30–19:00 New Techniques and Methodologies Working Group - Lila Gurba

Wednesday, 14 September

08:30 - 10:30 Meeting of ICCP Commission I (continued). Faculty of Sciences, FC2 building, A1 room.

- 08:30–08:45 Petrographic Image Database – Johan Joubert, Daniel Van Niekerk and Paddy Ranasinghe
08:45–09:15 New Handbook Editorial Group – Ivana Sýkorová, Isabel Suárez-Ruiz and Kimon Christanis
09:15–09:25 Raman Spectroscopy Editorial Group – Barbara Kwiecinska and Sandra Rodrigues
09:25–10:30 Oxidation Editorial Group – Jolanta Kus and Magdalena Misz-Kennan

10:30 - 11:00 *Coffee Break. Faculty of Sciences, FC2 building, “Sala de Exposições”*

11:00-11:45 Meeting of ICCP Commission I (continued). Faculty of Sciences, FC2 building, A1 room.

- 11:00-11:30 Liptinite Editorial Group – Walter Pickel
11:30–11:45 Closing remarks – Deolinda Flores and Stavros Kalaitzidis

11:45-12:30 Meeting of ICCP Commission II. Faculty of Sciences, FC2 building, A1 room.

- 11:45–12:00 Opening Address - Carla Araujo and Paul Hackley
12:00–12:30 Identification of Primary Vitrinite working group - Paul Hackley

12:30-13:00 Group Photo

13:00–14:00 *Lunch Break*

14:00–16:30 Meeting of ICCP Commission II (continued). Faculty of Sciences, FC2 building, A1 room.

- 14:00-14:15 Coal Bed Methane -CO₂ sequestration - Peter Crosdale
14:15-14:30 Coal Bed Methane -CO₂ sequestration - Lila Gurba
14:30-15:30 Dispersed Organic Matter Vitrinite Reflectance (DOMVR) Accreditation Program - Alan Cook
15:30-16:10 Identification of Dispersed Organic Matter working group – Jolanta Kus
16:10-16:30 Classification of Dispersed Organic Matter working group - Jack Burgess, Lavern Stasiuk, Carolyn Thompson-Rizer and Adrian Hutton

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.

19:00–20:30 ICCP Council Meeting. Faculty of Sciences, FC5 building, room 1.2 (1st floor).

Thursday, 15 September

08:30-10:30 Meeting of ICCP Commission II (continued). Faculty of Sciences, FC2 building, A1 room.

- 08:30-09:00 Reappraisal of the Information from Past Commission II Activities working group - Angeles G. Borrego
09:00-09:20 Concentration of Organic Matter working group - João Graciano Mendonça Filho
09:20-10:10 Thermal Indices working group - Carla Araujo
10:10-10:30 Environmental applications of Organic Petrology working group - Hamed Sanei

10:30-11:00 *Coffee Break. Faculty of Sciences, FC2 building, “Sala de Exposições”*

11:00-12:30 Meeting of ICCP Commission II (continued). Faculty of Sciences, FC2 building, A1 room.

- 11:00-11:30 Dispersed Organic Matter in Sedimentary Rocks working group - Maria Hamor Vidó
11:30-12:00 Discussion on new proposals for Working Groups

12:00–12:30 Closing remarks – Carla Araujo and Paul Hackley

12:30–14:00 *Lunch Break*

14:00–17:00 Closing Plenary Session of the ICCP General Assembly. Faculty of Sciences, FC2 building, A1 room.

1. New Handbook
2. Elections
3. Short reports from the Commission Meetings
4. Short report from the Council Meeting
5. Arrangements for 2012 Meeting
6. Others

19:00–22:00 Conference Dinner. “Três Séculos” restaurant at Taylor’s Cellars

19:00– Bus service. Delegates pick-up at Faculty of Sciences, Via Panorâmica close to FC3 building to “Três Séculos” restaurant.

19:30–20:00 Taylor’s Cellars visiting and Port wine tasting

20:00–22:00 Dinner

22:00– Bus service. Delegates pick-up at “Três Séculos” restaurant to Faculty of Sciences.



“Três Séculos” restaurant

Friday, 16 September

10:00-12:15 Symposium “New Trends in Coal Science”. Faculty of Sciences, FC2 building, A1 room.

10:00-10:15 Introduction. Chairs: *Angeles Gómez Borrego and João Graciano Mendonça Filho*

10:15-10:35 Deposition and composition of coals formed on a hanging wall adjacent to a major active graben fault; Middle Jurassic, Denmark. *Petersen, H.I., Nielsen, L.H., Dybkjær, K., Surlyk, F.*

10:35-10:55 Palynofacies and organic geochemistry survey of the Middle–Upper Jurassic transition in the Central-Northern sectors of the Lusitanian Basin (Portugal). *Silva, R.L., Mendonça Filho, J.G., Azerêdo, A.C., Silva, T.F., Oliveira, A.D., Duarte, L.V.*

10:55-11:15 Resource Potential of Organic-Rich Rocks in the “Oil Window”: An example of the Barnett Shale in Central Texas. *Gentzis, T.*

11:15-11:35 The Organic Facies and Thermal Maturity of Boas River Formation (INCO-WINISK Cores # 49212 and 49204) of the Hudson Platform in Northern Ontario, Canada: Re-appraisal of the Hydrocarbon Potential. *Reyes, J., Armstrong, D., Lavoie, D., Dewing, K.*

11:35-11:55 A change in color of fossil pollen grains with organic maturation of the petroleum source rocks in Northern Japan. *Aizawa, T., Kazuta, F., Ohbuchi, T., Ujiie, Y.*

11:55-12:15 Coalbed Methane and Conventional Hydrocarbon Potential of Cretaceous Strata in the Central Part of the Alberta Basin, Canada. *Gentzis, T.*

12:15–14:00 *Lunch Break*

14:00–16:30 Symposium “New Trends in Coal Science” (continued). Faculty of Sciences, FC2 building, A1 room.

Chairs: *Isabel Suárez-Ruiz and Magdalena Misz-Kennan*

14:00-14:20 Petrography and microtextural characterisation of some heat altered coals of Jharia Coalfield, Damodar Valley, India. *Sharma, M.*

14:20-14:40 Petro-chemical characterisation of ten persistent coal seams in East Bokaro Coalfield, India for specific end use. *Choudhury, N., Singh, A.K., Ghosh, B., Verma, V. Boral, P., Kumar, S., Shukla, N.K., Sinha, A.*

14:40-15:00 Optical and SEM images of natural coals as complimentary information to each other – Case studies on Indian samples. *Singh, A.K., Sharma, M., Choudhury, N., Singh M.P., Sinha, A.*

15:00-15:20 Additivity of structural parameters determined for coals prepared from coal blends. *Smędowski, Ł., Krzesińska, M.*

15:20-15:40 Classification of Microtextures of Manufactured and Natural Coke: a Proposal. *Singh, A.K., Sharma, M., Singh, M.P., Choudhury, N., Sinha, A.*

15:40:16:30 Poster Viewing. Faculty of Sciences, FC2 building, "Sala de Exposições".

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

17:00-19:00 Symposium "New Trends in Coal Science" (continued)

Poster Session (38 posters). Faculty of Sciences, FC2 building, "Sala de Exposições"

1 Scheme of new technological classification of Polish low-rank coal. *Bielowicz, B.*

2 Variation of organic matter input in peat as seen by combustion profiles. *Borrego A.G., López-Dias V., Arboleya, M., Urbanczyk, J., de Luca, V., Blanco C.G.*

3 Microscopy study of coal chars from a Brazilian coal to be used in blast furnace pulverized coal injection. *Borrego, A.G., Diez, M.A., Pohlmann, J.G., Osório, E., Vilela, A.C.F.*

4 Composition of mineral and organic matter in coal wastes from the Bańgów dump (Upper Silesia, Poland). *Ciesielczuk, J., Lechowska-Kozłowska, L., Misz-Kennan, M.*

5 The Lycophyta flora from Lower Gzhelian strata of São Pedro da Cova: contribution to the formation of coal deposits in Douro Carboniferous Basin (NW of Portugal). *Correia, P., Sá, A., Murphy, B., Flores, D.*

6 New results on the characterization of the Jurassic Coals (Lusitanian Basin, Portugal). *Costa, A., Flores, D., Suárez-Ruiz, I., Rodriguez, E.*

7 Geochemistry and palynofacies analyses of the Ramalhal-1 borehole (Lusitanian Basin, Portugal). *Gonçalves, P. A., Paz, S., Mendonça Filho, J.G., Flores, D.*

8 Effect of devolatilization under programming temperature on the optical properties of coal macerals. *Guerrero A., Díez, M.A., Borrego, A.G.*

9 Efforts to artificially mature a subbituminous Wilcox coal: preliminary experimental results from 2009-2011. *Hackley, P.C., Dulong, F.T., Valentine, B.J.*

10 Comparison of micro-Raman spectra from vitrinites of different rank levels. *Hinrichs, R., Brown, M.T., Kalkreuth, W.*

11 Evaluation of Environmental Impacts of the Figueira Coal-Fired Power Plant, Paraná, Brazil. *Kalkreuth, W., Levandowski, J., Delgado, T., Scheffer, R., Maia, S. M., Peralba, M.C. R., Barrionuevo, S.*

12 The Lower and Upper Coal Seams of the Candiota Coalfield, Brazil - Geological Setting, Petrological and Chemical Characterization, and Studies on Reactivity and Beneficiation related to their Combustion Potential. *Kalkreuth, W., Lunkes, K. M., Oliveira, J., Hidalgo, G., Ghiggi, M. L., Osório, E., Souza, K., Sampaio, C.*

13 Reservoir parameters and maceral composition of coal in separate Carboniferous lithostratigraphical series of the Upper Silesian Coal Basin, Poland. *Kędzior, S., Jelonek, I.*

14 Rheological properties of coal blends with varying content of strongly caking coal studied by means of Dynamic Mechanical Analysis (DMA) and Gieseler plastometer. *Krzysińska, M., Smędowski, Ł., Szeluga, U., Majewska, J.*

15 Application of fluorescence confocal laser scanning microscopy (CLSM) to coal and organic petrology - qualitative approach. *Kus, J., Lévai, O.*

16 Palaeohydrological evolution of the peat profile at Sierra de la Borbolla (North Spain) in relation to organic matter input. *López-Dias, V., Blanco, C.G., Borrego, A.G.*

17 Hydrous Pyrolysis of Immature Irati Oil Shale, Paraná Basin, Brazil – Insights on Thermal Maturity Parameters. *Mendonça Filho, J.G., Rondon, N. F., Silva, T. F., Silva, M. C., Santos, L.G.C.*

18 Lacustrine system characterization: Relationship between biomarker distribution and palynofacies from Codó Formation (Parnaíba Basin, Brazil). *Mendonça Filho, J.G., Silva, T. F., Chagas, R.B.A., Mendonça, J. O., Souza, J.T., Oliveira, A.D., Azevedo, S.M.L., Silva, M.C., Santos, L.G.C., Menezes, T. R.*

19 Permian carbonaceous rocks from the Bonito Coalfield, Santa Catarina, Brazil: Palynofacies and Organic Geochemistry approaches. *MendonçaFilho, J.G., Sommer, M.G., Klepzig, M.C., Mendonça, J.O., Silva, T. F., Kern, M.L., Menezes, T.R., Silva, M. C., Santos, L.G.C.*

20 Evaluation of some blast furnace solid wastes composition by optical microscopy. *Mihăiescu, D., Predeanu, G., Panaitescu, C.*

- 21 Atomic force microscopy examination of semifusinite and fusinite heated at 400-1200°C. *Morga, R.*
- 22 Coal mining residues and sulphide oxidation by Fenton's reaction. *Oliveira, M.L.S., DaBoit, K., Silva, L.F.O.*
- 23 Geochemical of Santa Catarina (Brazil) coal and Environmental Concerns. *Oliveira, M.L.S., Silva, L.F.O.*
- 24 Carbon nanotube assemblages in coal fire soot, Ruth Mullins fire, Kentucky (US). *Oliveira, M.L.S., Silva, L.F.O., O'Keefe, J.M.K., Hower, J.C.*
- 25 Preliminary results from the lignite deposit in the Karapınar-Ayrancı Basin (Konya, Central Turkey). *Oskay, R.G., Salman, M., Taka, M., Christanis, K.*
- 26 Palynofacies and organic geochemistry of the Sinemurian marine deposits in the western Lusitanian Basin (Portugal). *Poças Ribeiro, N., Mendonça Filho, J.G., Duarte, L.V., Silva, R.L., Mendonça, J.O., Silva, T.F.*
- 27 A middle Holocene organic-rich mudstone from Castelo do Neiva (Portugal): a multidisciplinary study. *Ribeiro, H., Flores, D., Bernal, A., Pissarra, J., Abreu, I., Romani, J.V., Noronha, F.*
- 28 Nanoparticles in fly ash from anthracite combustion in a Portuguese thermal power plant: preliminary characterization. *Ribeiro, J., Silva, L.F.O., Flores, D.*
- 29 Hyperspectral Logging to Identify Compositional Cyclicality in Siliciclastic Core. *Riel, E., Gopalakrishna, S., Esterle, J.*
- 30 Microstructural characterization of natural and synthetic graphites. *Rodrigues, S., Marques, M., Suárez-Ruiz, I., Camean, I., Flores, D.*
- 31 Coal mineral matter under high temperature treatment. *Rodrigues, S., Marques, M., Ward, C.R., Suárez-Ruiz, I., Flores, D.*
- 32 Major and Trace Elements Contents of the Lower Permian Coal Deposits of Tanzania: Implications for their Environmental Impacts. *Semkiwa, P., Kalkreuth, W.*
- 33 About the use of $\delta^{13}\text{C}$ from fossil wood to infer global carbon cycle perturbations. *Silva, R.L., Duarte, L.V., Mendonça Filho, J.G., Silva, T.F.*
- 34 The Application of Light Fraction and Whole Rock techniques in the petrologic study of samples from two oil exploration wells from Mexico. *Tejeda Galicia, C.M., Pinheiro, H.*
- 35 Characterization of increasing rank vitrinite-rich coals by Multivariate Analysis. *Valentim, B., Algarra, M., Guedes, A., Rodriguez-Borges, J.E., Esteves da Silva, J.C.G., Suárez-Ruiz, I.*
- 36 Optical properties of coal macerals and fluidized bed pyrolysis chars. *Valentim, B., Rodrigues, S., Guedes, A., Suárez-Ruiz, I.*
- 37 Interactive petrographic web atlas of lignite and subbituminous coals collected from the Gulf Coast region, USA. *Valentine, B.J., Morrissey, E.A., Reidy, M.E., Hackley, P.C.*
- 38 Petrological and geochemical composition of lignite from the D field, Kolubara basin. *Životić, D., Stojanović, K., Gržetić, I., Jovančićević, B., Cvetković, O., Šajnović, A., Simić, V., Sojaković, R.*

Information for presenters

Oral presentations:

Presentations are limited to 20 minutes per talk (15 minutes presentation with 5 minutes question period).

Presentation must be created on powerpoint (or compatible program). Please bring presentations on a memory USB key or on CD.

Poster presentations:

Poster maximum size A0 (portrait).



Taylor's Cellars terrace where Port wine tasting will take place

**DEADLINE FOR NEXT
ICCP NEWS :
31ST OCTOBER 2011**

Membership Matters

In Memoriam

The last time I emailed all members about availability of the newsletter, I received a large number of failure notifications. Could the owners of the following email addresses please confirm to me (peter.crosdale@energyrc.com.au) that the address is current:

gcalleja@doe.gov.ph
ajbennett@ozemail.com.au
delphine.charriere@ineris.fr
tgentzis@petronresources.com
merc@ptt.yu
alfonso@acay.com.au
Bruensing@lek.rwth-aachen.de
boris.alpern@wanadoo.fr
Kathy.Benfell@bhpbilliton.com
roy.davies@cipr.uib.no
rcarrascal@arpl.com
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kostica@rgf.bg.ac.yu
nobu@rc.japex.co.jp
benjavunr@hotmail.com
alokk.singh@tatasteel.com
singhbd_bsip@hotmail.com
suw20@psu.edu

Thanks

Peter

**please update your contact details
as necessary**

Dr. Ángeles Gómez Borrego
ICCP General Secretary
Instituto Nacional del Carbón, CSIC
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33080 Oviedo
SPAIN
mailto:angeles@incar.csic.es



Dr Ida Volkova

I have received information from VSEGI that **Dr Ida Volkova** passed away on July 6th at the age of 82. Dr Volkova has attended many ICCP Meetings over the last several years and was a very significant contributor to the petrology of Russian coals, including co-authoring the Petrological Atlas of Fossil Organic Matter in Russia.

Wir nehmen Abschied von

Karl Ottenjann

*17.11.1931

†8.6.2011

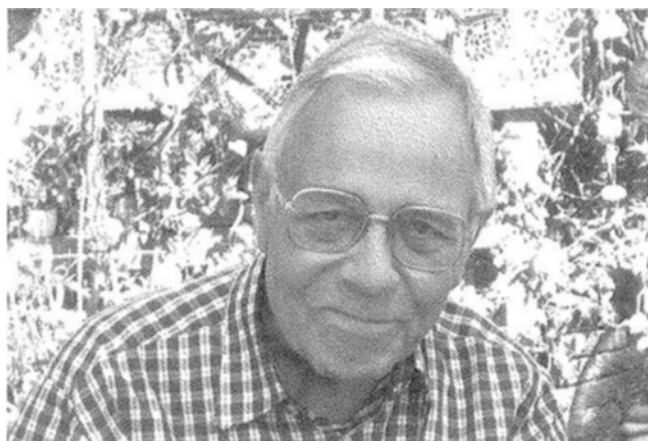
In Liebe:

Wiebke und Jochen van Treeck
mit Henri

Siglinde und Uwe Ottenjann
mit Isabel und Daniel

und Anverwandte

Die Trauerfeier mit anschließender
Urnenbeisetzung wird am Dienstag,
dem 5. Juli 2011,
um 10:00 Uhr auf dem
Friedhof Goethestraße
in Mettmann gehalten.



Ich bin nur nach nebenan verschwunden.
Ich bin ich und du bist du.
Was immer wir füreinander waren,
das sind wir noch.
Nenne mich mit dem alten vertrauten Namen.
Sprich von mir, wie du es immer getan hast.
Ändere nicht deinen Tonfall.
Zwing dich nicht zu aufgesetzter
Feierlichkeit oder Traurigkeit.
Lache weiterhin über die kleinen Scherze,
an denen wir gemeinsam Spaß hatten.
Spiele, lächle, denke an mich, bete für mich.
Lass meinen Namen weiterhin so geläufig sein,
wie er immer war.
Sprich ihn unbekümmert aus,
ohne die Spur eines Schattens.
Das Leben bedeutet all das,
was es bisher bedeutete.

Henry Scott Holland

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). For details of procedures and nominations, contact:

Dr. Ángeles Gómez Borrego
ICCP General Secretary
Instituto Nacional del Carbón, CSIC
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33080 Oviedo, SPAIN
Ph. +34-98-511 9090 Fax +34-98-529 7662
Email : <mailto:angeles@incarcsic.es>

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. Awards are made from time to time but applications are called for every 2 years.

Nominations closed for 2011.

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. Awards are made from time to time but applications are called for every 2 years.

The award committee currently consists of the Thiessen Medal Committee as a transitional arrangement. Eventually, the award committee will consist of the five most recent recipients.

No nominations will be called for in 2011.

Reinhardt Thiessen Medal 2011 Award

Nominations for a 2011 Reinhardt Thiessen medal award have been received. However, a newly convened RTM committee has only just begun deliberations on an update of appropriate guidelines for this award. Its recommendations for the revised guidelines will be submitted to Council in time for the Annual Meeting. Once that process is complete the Committee will begin consideration of the nominations submitted. Consequently, any award

based on these nominations will not be made until the 2012 Annual Meeting.

Full Members who are still considering the submission of a nomination are advised to wait until the guidelines have been updated and a call is made for nominations for the 2012 medal. Therefore, it is possible that two medals may be awarded at the 2012 meeting.

Alan Davis
Chair, RTM Committee

Report on the 3rd ICCP Course in Organic Petrology (16 May 2011)

The 3rd ICCP course in organic petrology commenced on the 9th of May in Johannesburg, South Africa, on a crisp autumn day in a fantastic venue (Wits PDH). Twenty-four delegates registered from 5 different countries (Mozambique, Turkey, Tanzania, Australia, and South Africa), with most delegates from South Africa. Unfortunately for various reasons 5 delegates did not arrive; this is problem associated with many conferences and courses these days, and affected the target of 25 delegates. At this stage it appears as if the course has made a profit, but the accounts need to be finalised.



Photo 1: Lethabo visit. Prof Falcon missing.

Delegates were from universities and industry (mines, labs, Sasol), with varying degrees of experience in organic petrology and geological

backgrounds. Prof Claus Diessel and Dr Alan Cook presented the course, with the ICCP Vice-Chair, Prof Lopo Vasconcelos, providing the opening lecture. Prof Rosemary Falcon and Prof Nikki Wagner provided input during the week as well. Three microscopes were set-up in the venue for the practical sessions: 1) a Leica DMP4500 interfaced with a J&M spectrolytic system and fluorescence capability; 2) a Zeiss Universal with a digital camera; 3) a Hilgers system on a Zeiss Axiovision with a monochromatic camera. The Hilgers system image was projected onto a screen which enabled group practical sessions and group discussions. The week of lecturers and practical sessions was closed off by an excellent presentation from Prof Falcon, putting all the learnings into a Southern African context, and introducing the coal associated with the field excursion (up to 47% ash, high inertinite coal, with 0.5% carbon in ash and electrostatic precipitators of 99.98% efficiency due to SO₃ addition!). The field excursion was to the Lethabo Power station, about 1 hour south of Johannesburg, where the delegates had a wonderful opportunity to tour this 3700MW coal based power plant. Danie le Roux was an excellent host and tour guide at Lethabo. A final course lunch was held at Stonehaven-on-Vaal, unfortunately in cold, rainy conditions, but this did not appear to dampen friendships formed during the week.



Photo 2: Course delegates with RCA (conference organisers) and Prof Falcon. Prof Diessel missing.

Overall, I think that the expectations of the students were met at various times during the week; certain students had come specifically for the coking components, others for an enhanced geological understanding, and a few to learn about organic petrology almost from scratch. The course feedback questionnaires will hopefully highlight the good

and bad points; Lopo will compile this for presentation at the ICCP meeting in Portugal in September. Certainly the venue, catering, and lecturers will be highly rated. A great amount of appreciation must be extended to Robbie Cameron and Associates for the professional organisation (pre-course and during), and the Wits PDH for the great venue and catering (excellent!). And most importantly, I need to commend Claus and Alan for their energy and enthusiasm when presenting the course, the time spent preparing the notes and lectures (the book distributed is over 500 pages now!). Claus, Alan, your efforts are greatly appreciated and you have certainly left your mark in South Africa. Students are already asking for further training courses! It was a great privilege to be able to run the ICCP organic petrology in South Africa. As noted by the ease of filling the course, there certainly was a need to run the organic petrology training course here in this corner of Gondwanaland.

Johannesburg, 26th May 2011.05.26
Nikki Wagner

ICCP Services

★ ICCP Reflectance Standard

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

For more information contact

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★ Accreditation Programs

- Maceral Group Analysis of Coals
convenor: Dr Kimon Christanis
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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
convenor: Dr Alan Cook
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News from ASTM - Reflectance measurement for dispersed vitrinite

A new American Society for Testing and Materials (ASTM) standard test method for measurement of the reflectance of vitrinite dispersed in sedimentary rocks has been developed by an international committee of technical experts from government

agencies, academia, industry, and consultancies. This product grew from the efforts of the International Committee for Coal and Organic Petrology (ICCP) Identification of Primary Vitrinite Working Group, and is the result of an international partnership between members of ICCP, ASTM, The American Association of Petroleum Geologists, and TSOP. The new consensus standard is available for purchase from <http://www.astm.org/Standards/D7708.htm> and is included in the 2011 Annual Book of ASTM Standards, v. 05.06, Gaseous Fuels; Coal and Coke, which can be obtained as a free yearly benefit to ASTM members.

Development of the new test method (ASTM D7708-11) began in 2008 with a survey of common practices used in laboratories that routinely measure the reflectance of dispersed vitrinite in shales. The test method writing committee was identified from among the survey respondents, and the existing ASTM coal vitrinite reflectance standard (ASTM D2798) was used as an outline for the new test method. Significant changes from the coal standard include: 1) specialized terminology to include recycled vitrinite, zooclasts, solid bitumens, and marine algae; 2) discussion of potential for vitrinite suppression and retardation in certain conditions; 3) inclusion of fluorescence observation and resulting changes to equipment description and procedure; and 4) addition of reporting requirements, including type and quality of sample preparation, observation of fluorescence, and consideration of supporting data and information.

The new standard was successfully balloted through the subcommittee and D05 main committee levels of the ASTM vetting process with no negative votes received. However, users of the standard and other interested parties can bring comments and concerns to the attention of ASTM subcommittee D05.28, Petrography of Coal and Coke, which is responsible for the maintenance and revision of this and other ASTM petrography standards. Interested ICCP members who would like to contribute to consensus standards development within subcommittee D05.28 are encouraged to contact Paul Hackley (phackley@usgs.gov) for additional information.

Anticipated users of the new D7708-11 standard include government, academic, and service laboratories. The standard will be used as the prescribed method for the dispersed vitrinite reflectance accreditation program of the ICCP,

which currently includes approximately forty laboratories worldwide. The test method is predicted to be most relevant for shale gas plays where precise information concerning thermal maturity is considered key to successful basin analysis. Anticipated future improvements to the standard include the creation of quantified reproducibility and repeatability values through inter-laboratory round-robin exercises, and the development of a supplemental online image atlas of dispersed organic matter in sedimentary rocks to aid in the identification of indigenous vitrinite.



Example of dispersed vitrinite in the Upper Cretaceous Eagle Ford Shale, Maverick Basin, south Texas

Answer to Know Your Coal Petrologist #46

We wonder just how well Magdalena Misz-Kennan (left) and Ivana Sýkorová (right) knew themselves before consulting the oracle at Delphi?

WHAT'S HAPPENING

10-16 September 2011

63rd ICCP Meeting, Porto, Portugal.
<mailto:dflores@fc.up.pt>

12-15 September 2011

2011 Pittsburgh Coal Conference, Pittsburgh, USA.
<mailto:ipcc@pitt.edu>

9-13 October 2011

International Conference for Coal Science and Technology (ICCS&T) 2011, Oviedo, Spain.
<http://www.iccst.info>

15-18 October 2012

2012 Pittsburgh Coal Conference, Pittsburgh, USA.
<mailto:ipcc@pitt.edu>

Planned Future ICCP Meetings

2012 Beijing, P.R. China (joint TSOP)
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

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ICCP Editor
PO Box 54, Coorparoo, Qld 415, Australia
<mailto:peter.crosdale@energyrc.com.au>

ICCP Handbook

- ★ *International Handbook of Coal Petrography 2nd 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 2nd edition*, second print (in English) 1985 - **24€**
- ★ *International Handbook of Coal Petrography, 2nd supplement to the 2nd edition* (in English) 1986 - **8€**
- ★ *International Handbook of Coal Petrography, 3rd supplement to the 2nd 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.

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samples + excel sheet **90 €**including postage (non members)

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