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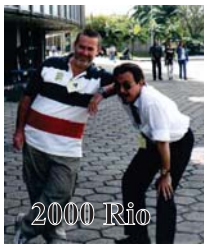
2000 Rio


2001 Copenhagen


2002 Maputo


2003 Utrecht


2004 Budapest


2005 Patras


2006 Bandung


2007 Victoria


2008 Oviedo


2009 Gramado


2010 Belgrade


2011 Porto


2012 Beijing


2013 Sosnowiec

2014 Kolkata


2015 Potsdam

inside this issue

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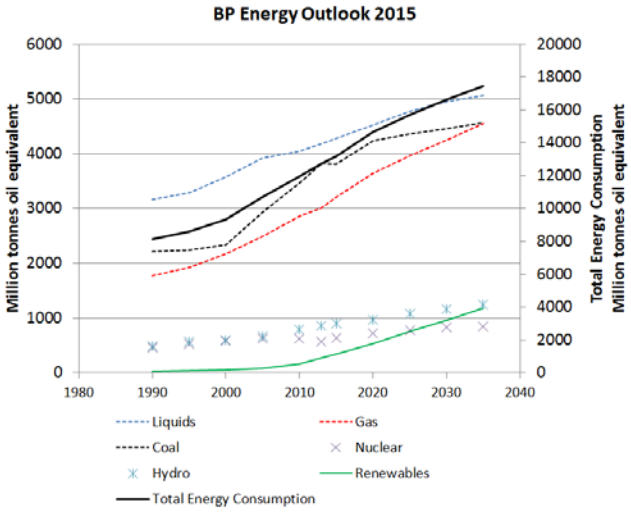
From the Editor

As I write this column, the price of WTI has fallen to a 6 year low of US$40/bbl; Brent at US$47/bbl and Tapis at US$48/bbl. Thermal coal prices have fallen from around US$60/t a year ago to around US$42/t today down from highs of US$132/t in 2011; coking coal is trading at around US$95/t today down from highs of US$200/t in 2011. But it is not just supply and demand issues that are affecting fossil fuel prices into the future. There is a substantial shift underway in the energy mix. A strong global push to renewables at the expense of fossil fuels is apparent in response to climate change issues. It is with a substantial degree of disappointment that I note the particular intransigence of the Australian government on these issues.

Despite current low commodity prices and the predicted strong rise in the renewables sector, the 2015 BP Energy Outlook predicts a strong continuing demand for fossil fuels into the medium term. This will certainly change after the upcoming Paris Conference, with the US and China expected to commit to greenhouse gas reduction of around 40% by 2035 and most European countries at similar targets. It is within this changing and challenging environment that ICCP must find its place. Opportunities for our skills need to be found in the rising renewables sector as well as the growing preference for gas over liquids and solids. It is interesting that within this debate little reference is given to the replacements for these traditional fuels. For example, in the discussion of the future decline in coal production, where is the substitute for metallurgical coke in steel manufacture?



This issue of ICCP News foreshadows the 67th ICCP Meeting in Potsdam. I trust that many of you will be able to attend the meeting this year. The facilities at the GFZ are excellent and Potsdam is a truly delightful city. As observed by the president, German coal researchers have played a pivotal role in the development of coal science general and coal petrography in particular. Many thanks to the GFZ and the R + M Teichmüller Foundation who have facilitated both the meeting and the associated

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ICCP training course Organic Petrology for Industrial Applications.

Importantly in this issue you will find results of the elections for the positions of Editor and President. These positions turn over after the final closing plenary session.

The outgoing President, Dr Petra David, has done an outstanding job over her terms of office. Petra has projected the interests of ICCP on many issues in a quiet but determined fashion. We should applaud her loudly for her efforts. I trust that she will continue in an advisory role to council for many years to come. The incoming president is to be congratulated on her election in a good race between contestants.

I am very pleased to write that the other election which sees a new face on Council is that of the Editor. A very tight contest between two highly respected candidates. I have been 16 years as editor, commencing in 2000 with ICCP News No. 22 in October 2000, reporting on the meeting in Rio. During this time, a number of innovations have occurred with the ICCP News. By far the most important of these was the move to replace the printed copy with a downloadable pdf on the website. Alan Cook first suggested this to me during an informal phone call. He was prepared for a furious fight against such a move but was more than surprised at my delight at the suggestion. The process of individually mailing around 200 newsletters was indeed tedious. I could also see the immediate benefit of allowing a reduced fee structure to members electing not to receive a paper copy - at the time, the cost of production of ICCP News was by far the biggest expenditure item. In addition, members would at least visit the website from time to time to get the newsletter. How things have changed, with so much more on the website of interest to members. More than 50% of members now choose not to receive a hard copy of the newsletter. I expect this trend to continue into the future, not only saving costs for ICCP but saving significant effort for the editor.

With my final column, I can see challenging but exciting times ahead for ICCP. I sincerely thank all those who have contributed over the years to make the newsletter an interesting contribution to our science. I expect in incoming editor will give a new look and new energy to the newsletter - things will only get better!

Hoping to see you in Potsdam

Peter

From the President

Dear colleagues,

Soon the 67th ICCP meeting will take place in Potsdam. This is the first meeting organised in Germany after 25 years. This was only possible because the Helmholz Centre Potsdam - GFZ German Research Centre for Geoscience provides the facilities and administrative support. The preparations are ongoing and the members of the Organising and Scientific Committees are very active and provide a great support.

German scientists have played an important role over the years in the development of all aspects of coal sciences. One of the German pioneers was Erich Stach, who started already in late 1920s to work on coal petrological problems and published his 'Textbook of Coal Petrology' in 1935. During his time at the Humboldt University in Berlin he met Marlies Teichmüller in 1936 and became her mentor. Already in the late 1920s, Erich Stach had pleaded for the establishment of a research centre for applied coal petrology in the Ruhr District which finally started to operate in 1932. This laboratory (after becoming part of the Bergbau-Forschung GmbH, now DMT) in Essen-Kray was later headed by Marie-Therese Mackowsky.

These 'first generation' scientists were not only important researchers, but influenced the work and success of the ICCP largely. Together with Dr. A.C. Seyler from Great Britain Stach established the ICCP in 1953. Both Mackowsky and Teichmüller were founding members of ICCP and active in various functions in ICCP until they died.

During the 60s, 70s and early 80s many coal scientists followed and were active in the different branches of coal and organic petrology in Germany. With the decline of the German coal production and low oil prices in the 90s, the importance of this field of research in Germany decreased and many colleagues looked for other opportunities abroad or in other research areas. Nevertheless a small group 'survived', is still active and supported the idea of organising an ICCP meeting in Germany.

In the early days of ICCP several meetings were organised in Essen and Krefeld. The last ICCP meeting held in Germany took place at the Aachen University in 1988 and was organised by Monika Wolf and Hans Hagemann.

I am very glad that after such a long time, ICCP

has the opportunity to organise a meeting in Germany again and hope that we can welcome many of you in Potsdam.

Best wishes

Petra

From the General Secretary

Elections have been help for the positions of ICCP President and ICCP Editor. For the position of President, candidates were Dr. Angeles G. Borrego and Dr Lopo Vasconcelos. For the position of editor, the candidates were Dr. Isabel Suárez Ruiz and Dr. Nicola Jane Wagner. Information provided by the candidates as sent with the voting slips is provided as follows. Results of the elections have been received from the returning officer Dr Rudi Schwab and are given at the end of the candidate information.

Election for the position of President of ICCP

Dr. Angeles G. Borrego, candidate for the position of President in the 2015 ICCP Elections

Vision for the ICCP, if elected President

Dear ICCP members,

I have accepted to be a candidate for the position of President of ICCP. I have served the ICCP in different positions, first as Secretary and then as Chair of Commission II and since 2009 as General Secretary of the Organisation. During these years I have become familiar with the procedures and functioning of the ICCP Council and also of the Institution.

The ICCP has benefited over the years from the work and experience of organic petrographers who established the basis of the organization and contributed to the development of the methods, analytical procedures and nomenclature in organic petrology. Thanks to this effort, the ICCP is acknowledged as a reference in the standardization of procedures in organic petrology. Advances in equipment, in-depth research and the incorporation of new fossil fuel deposits require the updating of methodology and definitions. This huge task is now in the hands of the present-day membership. The ICCP has special procedures for revising analytical protocols and definitions that may appear very slow and take time for approval but ensure the involvement and cooperation of as many individuals as possible, reinforcing the value of the documents and guaranteeing their wider utilization. The ICCP is also a very democratic organization and agreements by the assembly guarantee the participation of the membership in every decision. In my view, some of the topics which should concentrate our attention are:

1. *Complete the Registration of ICCP as a formal Organization*, which will give it a legal status for accreditation schemes and enable the ICCP to hold the copyright of its own products. This will require a revision of the statutes which has been postponed for many years.
2. *The Accreditation Programmes* of the ICCP have grown and been consolidated over the years essentially from the work of the organizers. We need to search for affordable formulas that will allow us to support the organizers in their work, while ensuring that the handling of the whole programme is controlled by the ICCP.
3. *Dissemination of the ICCP 's work*. A great effort has been made in recent years to publish and disseminate the work of the working groups. This needs to be maintained and encouraged in order to promote the use of organic petrology methods and nomenclature and consolidate the leading role of the ICCP in these matters. On the other hand as part of the dissemination effort, different parts of the body of knowledge of the ICCP have been published as separate documents with the result that the information often appears in a fragmentary form. An effort must be made to make this information available through the ICCP webpage in such a way that it is clearly associated to the organization. The training program is another important key in promoting and disseminating the knowledge of the ICCP.

The coal industry is decreasing in some countries with a long organic petrology tradition but increasing in others like India, China, Indonesia, Colombia, Mexico, Bulgaria, Turkey, Mozambique to mention but a few from different continents. In

addition new opportunities for using organic petrology methods have appeared with the exploration and exploitation of gas shale and unconventional fossil fuel deposits. In some countries with a limited tradition in organic petrology there is an important need for training. We need to ensure that the training activities that were initiated during the previous presidency and have been consolidated over the last five years will continue and expand in order to reach new audiences. We also need to actively inform and encourage new arrivals to organic petrology to join the ICCP and/or use the ICCP's knowledge and standards.

I have been working very closely with the President of the ICCP in recent years and, therefore, if elected, the work will be a continuation of the initiatives already undertaken in order to ensure the leading role of the ICCP in establishing the terminology and procedures in organic petrology.

Angeles G. Borrego Brief Curriculum Vitae

Name: Gomez Borrego
Given Name: Marfa Angeles
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Sex: F
Email:angeles@incar.csic.es
SCOPUS ID: 7005006157
ORCID: http://orcid.org/OOOO-OOO 1-9021-7358
Institution: INCAR-CSIC; Francisco Pintado Fe 26; 33011 Oviedo, Spain

1. University studies, diplomas and Awards

BSc (1987): Geology: Complutense University of Madrid (Spain)

MSc (1989): Geology: University of Oviedo (Spain) on Organic-rich Cretaceous sediments from Asturias

PhD (1992): Geology: University of Oviedo (Spain) - Cum Laude. On the relationships between geochemistry and petrology in Spanish oil shales

Organic Petrology Award of the ICCP (2008)

Marie Curie Success Story (1997)

2. Professional

1988-1992: FPU Ph D. fellowship from Spanish Ministry for Education at INCAR-CSIC with extensions to work in Geological department of Bergen University (Norway) and Newcastle upon Tyne (United Kingdom).

1993-1995: Marie Curie Postdoctoral Grant at Lehrstuhl für Erdöl und Kohle (RWTH Aachen), Germany

1996- Present: Researcher at INCAR-CSIC with permanent position since 2000

2007-2010: Deputy Director of INCAR-CSIC.

3. Research Topics

The research activities have focus on three broad areas:

• Study of oil shales and source rocks with the main focus on relationships between organic petrology and geochemistry parameters, both as source and as maturity indicators. the work performed within Comm. II of the ICCP on qualifying vitrinite for reflectance analysis, contribution to the standards and evaluating the results of previous Round Robin exercises is also within this topic.

• Study of the petrographic characteristics of the combustion chars in relation to the parent coal and the operating conditions, including oxy-combustion. Importance of the char as an intermediate in the combustion reaction, plastic behaviour of macerals and influence on the development of porosity and on char morphology. Tracing the origin of unburned carbon in fly-ash. The work within the Inertinite in Combustion WG comprising the development of training material on char classification also belongs to this topic. Understanding the plastic behaviour of macerals has been also extended to carbonization conditions and to charcoal incorporated to the different steps of the steel production

• Proxies for climate change in organic sediments with special emphasis in peatlands. This has been a research topic in the last 5 years with main work on peat petrography, fluorescence properties of sporomorphs, significance of biomarkers from different peat-forming communities, lake-living microorganism as analogues for source rocks.

This research work has yielded over 60 publications in scientific journals, 3 supervised Ph D Theses and two more on-going, 4 MSc Thesis and over 100 papers presented at specialised international conferences. The research has been funded by international bodies (RFCS from EU), bilateral cooperation funding schemes (CNPq-Brazil; DAAD-Germany; CONICYT-Chile, COLCIENCIAS-Colombia), National and Regional Projects as well as companies. A significant effort has been devoted to training both in postgraduate

national and international universities and companies and also within the ICCP training courses.

4. Membership

1993- International Committee of Coal and Organic Petrology (ICCP): with active participation WGs of the three commissions and presence in Council since 1999.

2007-2013 CO2 Spanish Technological Platform: Vocal in Council as CSIC representative (Co-Chair of the Group for Outreach; Vice-President in 2008-2009)

2009-2011 Research Committee Energy: National Representative and Member of the Committee acting as advisor for the preparation of the calls in the Energy topic of the VII European Framework Program

2009- Technical Group Coal 2: Member of the European Technical Group for the monitoring of Research Funds for Coal and Steel (Coal Conversion-related) projects.

1995- Member of Spanish Geological Society

1992- Member of Spanish Carbon Group

Dr. Lopo Vasconcelos, candidate for the position of President in the 2015 ICCP Elections

Vision for the ICCP, if elected President

The ICCP is an organization that congregates scientists from almost all over the world, and therefore it must profit or benefit from the scientific and cultural treasure resulting from its diversity and collective knowledge.

The World continues to change rapidly, with globalization occurring at high speed, and it is therefore imperative that the ICCP anticipates and progresses with the times, otherwise risking to become "outdated and useless" as a scientific organization.

A long standing trait that qualifies the ICCP is the long period of time it takes to decide on matters. As an example, we recall the time it took to decide on where to register the ICCP - The present statutes were revised and approved in 1999 and a discussion to revise them was carried out during the early 2000s, but it was still then decided to wait until the registration of the ICCP was done. Also, some working groups take way too much time to complete their objectives, and very often the same information is presented meeting after meeting.

If elected, I count on your support and collaboration, and I propose to lead and carry out the following:

1. Accreditation

Accreditation is arguably the flagship of the ICCP and this work must continue with the seriousness and professionalism it deserves and demands, reinforced by the fact that applicants pay for being accredited. The database of the different programs must be managed by a team conversant with informatics and statistics, and able to administer and govern, updating information from the participants, etc. This cannot be done purely with the goodwill of the Conveners and of the Accreditation Sub-committee, but ought to be carried out by professionals. For such, funds are necessary and should be allocated to this most important requirement. In addition, it is necessary to establish a direct connection (and coordination) between the Conveners, the Subcommittee and the Treasurer. We note that during several General Assemblies it has been common practice to discuss the need to acquire proper software for the management of database, and I guess that the volume of work in the Accreditation program calls for this to be done as soon as possible. The team mentioned above should also be responsible for the maintenance of the webpage.

2. Training Courses

Training Courses are undoubtedly one of the successful achievements of the ICCP and they have to be maintained. However, taking into account that during the last courses, practically the same people have been teaching, it is necessary to call upon new and younger members with different experiences to assist and collaborate in this activity, as well as in all activities of the ICCP, including Council positions - hence the need for the revision of the Statutes mentioned ahead. It is also necessary to draw up a plan for the next 5 years addressing the what, the who and the where - The Training Course Sub-committee will deal with this issue and propose a forward looking plan with sufficient detail for consideration and distribution. The enquiries carried out at the end of each course is a source of good ideas for this plan.

3. Revision of the Statutes

A document prepared by Peter Crosdale was presented at the ICCP Meeting in Copenhagen (2001), and in Budapest (2004) the responsibility of coordinating the revision was given to the VP. We should return to the document prepared then, and published in Newsletter Nr. 34 (March 2005) in order to consider the many contributions received at the time, and which need to be reviewed and discussed. It is further necessary to include new articles into the Statutes, given that the ICCP decided to be registered in BC, Canada. Therefore, it is proposed that a group of 3 people be nominated to deal with this matter, who would prepare a document for discussion and approval, no later than the General Assembly of the 2017 Meeting.

4. Links to the Industry

Besides the scientific thrust that characterizes the ICCP, there is the all-important objective of application of its results to the industry (coal, oil, gas). It is necessary to bring industry into the organization. Such would increase revenue through corporate fees, and would also straighten understanding of Industry's needs to the extent that the ICCP would assist and collaborate in resolving them. As in the past, assisting Industry to find solutions to specific issues they are faced with, will strengthen the good name, reputation and value of the I CCP worldwide. Therefore, I propose the creation of the position of advisor (maximum 2) to help to identify important issues to the industry that would require the collaboration/help from the ICCP. If accepted, this has to be included in the Statutes.

5. link with the Members

I had the opportunity of serving in the Council as VP for 2 mandates, terminating in 2011. Having left the Council, it became apparent to me that once outside the Council one does not hear (or read) about the ICCP, except when we receive the Newsletter with material for the next annual meeting. There must be a system that will alert members about what is going on in the ICCP, either through the website, or through emails sent to the members. I do not have a real solution for this, but I propose to call upon all members to discuss a practical and simple way to engage with all members on a frequent basis - In the Era of Internet and lTC, communication must be used to solve this weakness.

6. Future Meetings

The ICCP has no plans for meetings beyond Houston (USA) in 2016. We have a proposal from Kurdistan for 2017, but yet uncertain, given events in the region. Thus we need to encourage and invite members/countries to step forward to organize future meetings and to have longer visibility of future events. Special attention shall be given to countries that never hosted an ICCP Annual Meeting.

7. Other issues

I will develop the relations and cooperation with other similar organizations, especially TSOP. Due to my position in the council of the Geological Society of Africa, I will try to bring more African scientists to the ICCP.

Dr Lopo Vasconcelos Short CV

Graduated in Geology at the University of Lourenço Marques (presently Eduardo Mondlane University) in Mozambique in 1975, and immediately appointed to the function of Dean of the Faculty of Geology until1980, due to the massive exit of Portuguese professionals after Independence.

Defended his PhD at Porto University, Portugal, in 1995, with the topic: Contribution to the knowledge of the coals from Moatize Coal Basin, Tete Province, Republic of Mozambique. After returning to Mozambique in 1995, was called to serve as Head of Geology Department of the University, and to work at the University central management for strategic planning of the university and of Higher Education in Mozambique, as well as of the National Parliament. Also served as advisor to the University's International Relations Office. Due to equipment problems at the university, the activity focussed mainly on teaching, nevertheless some research was carried out, with analyses done outside the country.

Joined the ICCP in 1991 (Porto Alegre) as Associate Member and became Full Member at Oviedo (1994). Served as Vice-president for two mandates (2003-2007 and 2007-2011); during the 2nd mandate, was responsible for the training courses program, having supervised the organization of 4 courses. Submitted the proposal of the WG on Temporal Variations of Coals, with the creation of a data bank on World coals with 12,158 data. Participated in the WG Coal

Classification of ICCP (with Prof. Lemos de Sousa) and on the WG Basin Modelling. Co-Organized and hosted the joint Mozambique-South Africa 54th Annual Meeting of the ICCP, 2002, Maputo (Moz)-Pretoria (SA). Although member of the 3 ICCP Commissions, has been more active in Commission I.

Recipient of several prizes and distinctions for the work carried out throughout his professional life for the development of geosciences in Mozambique and Africa, from the Mozambican Minister of Education, the Rector of the University, the Geological Mining Association of Mozambique, the Young Earth Scientists Movement. The last prize (2014) awarded by the University: Prize for Excellence in Teaching of the 1st Degree. Member of the following organizations: AGMM (Geological Mining Association of Mozambique, Founding Member, President 2003-2010), ICCP (VP 2003-2011), TSOP (since 2009), Geological Society of Africa (since 1999, VP for Southern Africa, 2004-2013; Editor of the Newsletter since 2011), GSSA (Geological Society of South Africa, since 2007), Nominating Committee of the lUGS (since 2012), APG (Portuguese Association of Geologists, since 2012), IAGETH (International Association of for Geoethics, since 2013; VP for Africa).

Signed
Lopo Vasconcelos
Maputo, Mozambique, 2015.02.09

Results from the elections for the position of ICCP President have been received from the returning officer Dr Rudi Schwab as follows:

Election for the position of President of ICCP

Details of votes

Candidate	Votes received	% of valid votes
Dr. Ángeles Gómez Borrego Spain	34	62 %
Prof. Dr. Lopo de Sousa e Vasconcelos Mozambique	21	38 %

Voting statistics

Category	Number	As % of eligible
Eligible to vote *	86	100 %
Valid returns	55	64 %
Invalid returns	0	0 %
Abstentions	0	0 %

* According to the present Constitution voting was restricted to "full" members from the Electoral List provided by the General Secretary, 19.02.2015 (Total membership, including "associate" members, stands at 200)

Compiled by:
R M Schwab, ICCP Returning Officer
30 May 2015

Election for the position of Editor of ICCP

Dr. Isabel Suárez Ruiz, candidate for the position of Editor in the 2015 ICCP Elections

Dear Colleagues,

As you may already know I have accepted to be a candidate for nomination to the position of Editor of the ICCP in the 2015 forthcoming elections. This letter therefore has two motives: firstly I would like to introduce myself to everybody and secondly to explain what would be my goals as the ICCP`s Editor.

Isabel's short CV

At present I am a Scientific Researcher at the National Coal Institute (INCAR-CSIC, http://www.incar.csic.es) in Oviedo, Spain. At INCAR, I am the head of the Organic Petrology Laboratory.

I graduated in 1980 and I received my M.Sc. with honors in Geology in 1981 from Oviedo University (Spain). I received my PhD also in Geology (Cum Laude, 1988) from the same Institution. After three years working in Sedimentology and Carboniferous Stratigraphy for the Geology Department (Oviedo University), I joined INCAR CSIC in 1983 to carry out research in the areas of petrology and organic geochemistry applied to the field of geology, fossil fuel resources, and to the industrial utilization of coals and their by

products, work which I have been carrying out up to the present day.

I have also done some research abroad, in the Laboratory of Geology of Organic Matter at Orléans University CNRS (France, 1988 1989); in the Coal Characterization Laboratory of Southern Illinois University at Carbondale (USA, 1990), in the area of petrology and organic geochemistry of source rocks, and coals; in the Instituto Mexicano del Petroleo (Mexico, 1992) in the field of conventional hydrocarbon exploration; in the Center for Applied Energy Research (CAER), University of Kentucky in Lexington (USA, 2005) on topics related to combustion residues and trace elements, and in the Instituto Colombiano del Petroleo ICP (Colombia, 2014) in the field of unconventional hydrocarbon systems.

All of this experience is reflected in the management of international and national projects of research and contracts with enterprises linked to hydrocarbon exploration, coal mining and coal utilization, with various Universities, Research Institutions and Petroleum Companies; in scientific cooperation with research laboratories of the European Union, and Latin American countries; in the supervision of doctoral theses (PhDs) and various scientific research studies. My other achievements include the publication of a significant number of papers in peer reviewed international journals, several book chapters, the co edition of a Book on Applied Coal Petrology (2008, Elsevier), and a large number of presentations at International and National Congresses. Since 2008 and to 2015 I have been the Chair of the Commission III (Industrial Applications of Coal Petrology) of the ICCP. Previously I was the Convener of its Coal Blends Working Group for 6 years. And later I became the convener of the Coal Blends Accreditation Program (CBAP), and of the Fly Ash Working Group. I was also successively Councilor, Vice President and President of The Society of for Organic Petrology a few years ago. I am also now a member of the Editorial Boards of three international journals: *International Journal of Coal Geology (Elsevier); The Open Fuels & Energy Science Journal (Bentham Open); and Energy Exploration & Exploitation (Multi Science Publishing Co. Ltd)*. In 2008 I was the Chair of the Organizing Committee of the 2008 ICCP TSOP Joint Meeting held in Oviedo, Spain. Since 2011 I have been Member of the Coal Advisory Group of the Research Fund for Coal and Steel (RFCS program) of the European Commission.

In 2006 I received the Organic Petrology Award from the ICCP, and in 2009 two of my works and contributions received the Ralph Gray Award from the TSOP. Moreover, 4 other research works in which I participated as co author have received different Awards.

Vision for the ICCP, if elected Editor

- I have been a member of the ICCP since 1991, and as mentioned above, I have actively worked for this organization for years and therefore, I know the ICCP very well as an organization, including its bases and principles, objectives, activities, together with its strengths and weaknesses.
- If I am elected Editor (I have some experience in editing tasks including the editing of a book, special issues of international journals and scientific collective volumes) in the forthcoming ICCP elections, I will try to do my best to maintain the high standards achieved by ICCP News in recent years. This will involve maintaining the high quality of all the current sections of ICCP News. I will ensure that ICCP News is maintained as a medium for informing about activities, events, news, etc., in order to expand the international scope of our organization.
- I will try to incorporate into the News, contributions from the ICCP members encouraging active participation by everyone as many people as possible. Moreover, I will include in the News, references to scientific and technological papers focused on organic petrology and related topics, events or circumstances that have deserved an award or special mention by recognized organizations and any other news of interest for the ICCP News readers.
- Furthermore, bearing in mind the importance of the ICCP, I will see, if possible, to extend the information of the ICCP News towards other relevant professional organizations (Universities, Research Organizations, Industry, etc…) to attract their interest in our activities (such as the participation in Accreditation Programs, and short courses) and to enlist potential new members to the ICCP.
- Moreover, and at least once a year, I propose to devote a short section in the ICCP News to the

great masters of Organic Petrology Worldwide covering their history and their main achievements because over time they have become totally unknown to young petrologists.
- According to the Statutes, the ICCP Editor is also a member of the ICCP Council. Therefore, as a member of the Council I will support all good initiatives and contribute with ideas and suggestions to the activities undertaken by this organization.

Isabel Suárez Ruiz. *(Oviedo, Spain, 11February, 2015)*

Dr. Nicola Jane Wagner, candidate for the position of Editor in the 2015 ICCP Elections

Name Nicola Jane WAGNER
Qualifications
Ph.D. (Wits) BSc.Hons. (Lond.) (Geology & Zoology) Pri.Sci.Nat.
Date of Birth 09/02/1970
Nationality South African / British
Address
20 Nielsen Drive, Blairgowrie, Randburg, Johannesburg 2194, South Africa
Contact Details
Work: +27 (0)11 559 4719;
Mobile: +27 (0) 82-853-9780;
Email: nwagner@uj.ac.za
Language Proficiency
English: Excellent (1st language) ; Afrikaans: moderate; German: understandable

Current Positions
Associate Professor, Department of Geology, University of Johannesburg. (Nov 2014 -). Roles: honours, masters, and doctoral research project supervision; fundamental and contract research; lecturing; specialist in coal and carbon petrography.
Visiting Associate Professor, School of Chemical and Metallurgical Engineering, University of the Witwatersrand. (Nov 2014 -). Roles: advisor for coal research laboratory; postgraduate supervisor; mentor.

Immediate Previous Positions
2009 - 2014 Associate Professor, School Chemical & Metallurgical Engineering, University of the Witwatersrand (research areas: coal petrography, materials characterisation for clean & efficient coal utilisation, trace elements in coal, carbon capture & storage, coal geology; teaching: undergraduate & postgraduate lecturing; postgraduate supervision; other: contract research; health & safety representative; project proposal writing).
Joined the university in 2006, having worked for Sasol Technology from 2000.

Academic and Professional Qualifications
- Ph.D. (Civil & Env. Eng.), University of the Witwatersrand (1999)
- B.Sc. (Hons) Geology and Zoology, University of London (RHBNC) (1992; upper 2nd class)
- International Baccalaureate, St Clares, Oxford, England (1988)
- Roedean School for Girls, Johannesburg, South Africa (1986)
- C2 South African National Research Foundation rating (obtained 2009); renewal in progress
- Professional Natural Scientist (SACNSP; since 1993)
- Accredited by the International Committee for Coal and Organic Petrology (ICCP) (SCAP, DOMVR)

Membership of Professional Bodies / Associations
- International Committee for Coal and organic Petrology (ICCP) (since 1997)
- Council member Fossil Fuel Foundation (since 1998)
- Editorial board member International Journal of Coal Geology (since 2002)
- Editorial board member Coal Combustion & Gasification Products (since Jan 2009)
- Editorial board member International Journal of Coal Science and Technology (JCST) (June 2014)
- Member of the Geological Society of South Africa (since 2011)
- Coaltech Geology Steering Committee member (2013)

Service to the University / Profession / Discipline / Community
- Special Guest editor for Fuel Processing Technology Special Edition, ICCS&T conference publication
- Regular peer reviewer for 9 international and local journals. (Int Jnl coal geol, Energy & fuels, Geochemistry, Coal combustion & gasification products, Fuel Processing Technol, IJCG, MPEM , Science of the total environment, SAIMM,).

- Leader of ICCP working group Commission 3, & was involved in establishing ICCP training courses;
- convened the 3rd ICCP training course in South Africa.
- Reviewer for National Research Foundation (NRF) (electronic panel) for projects and rating
- assessments.
- Appointed external examiner for University of Cape Town (MSc), North-west University, and Tshwane
- University of Technology.

Supervision / Publications / Conference Presentations

Currently supervising 18 postgraduate students; 19 MSc and 2 PhD students graduated since 2008.
1 Chapter in book; 28 peer reviewed publications; 34 International conference proceedings / presentations;
49 local conference proceedings / presentations. H index = 8.

Vision as Editor of the ICCP News

The ICCP News is published 3/4 times a year, and is a vibrant, informative, easy to read "magazine", highlighting information pertinent to the ICCP, annual meetings, accreditation programs, publications, new membership information, memorials, flyers for relevant conferences, a forum for students to present non-peer reviewed articles, advertising ICCP services, and so on.

However, the ICCP has a functional webpage, and essentially the webpage contains much of the information mentioned above; the newsletter has been in existence far longer than the webpage. I asked several colleagues their opinion of the ICCP Newsletter and its role in the day of webpages. Everyone, including myself, felt strongly that the ICCP Newsletter has an important and necessary role to play, and the webpage does not replace the easy to read Newsletter. The two media complement each other. The Newsletter should act as a link between the ICCP members and the webpage, with click links to relevant sections of the webpage, and other pertinent websites, where more detail can be located.

Going forward, as the new editor, I would largely keep the format of the ICCP Newsletter the same as that presented by the current editor, Peter Crosdale. Peter provides an interesting, fun and informative document, perfect for browsing through, more personal than the webpage, and familiar to all the ICCP members. Human beings are generally lazy, and prefer information to be delivered to them, rather than constantly having to seek it out. The Newsletter should be a one-stop-shop, informing the community regarding meetings, providing a quick catch-up of activities of the ICCP, announcements, as well as providing a forum for discussion, student papers, and other articles. In addition, receiving the Newsletter provides access to information that may be useful but not something one would have necessarily looked for on the website. The Newsletter needs to be an attractive package, easy to read, well-structured in a short and precise manner, versatile, with pertinent active links to webpages.

Editors need to be actively involved in the society they are representing, read widely to find interesting, relevant information to pass onto the readership, be aware of developments and progress in the field and related fields, and display a leadership role. These days we are bombarded with information; the challenge is to have the time, energy, and inclination to sift through the dearth of information to find that which is of relevance.

The debate of hardcopy versus soft copy shouldn't be reopened (I personally prefer a hard copy, but to save costs, I select the soft copy version and pay for my own printing!). However, I would like to revisit how the Newsletter is distributed. Currently, to access it electronically, one needs to log onto the ICCP website, and then log onto the Newsletter. A more user friendly way is to obtain an emailed link which directs you straight to the Newsletter.

I look forward to the rewarding (and challenging) task of taking over the editorial role (I think Peter has been doing this for 15 years?), and to becoming a new ICCP Council member. I have been an ICCP member since 1996, and have been involved in several working groups, including the successful establishment of the organic petrology training course. I have assisted with chapter reviews of the ICCP Handbook, and have participated in the 3 accreditation programs for many years.

Results from the elections for the position of ICCP Editor have been received from the returning officer Dr Rudi Schwab as follows:

Election for the position of Editor of ICCP

Details of votes

Candidate	Votes received	% of valid votes
Dr. Isabel Suárez-Ruiz Spain	27	47 %
Prof. Dr. Nicola Wagner South Africa	30	53 %

Voting statistics

Category	Number	As % of eligible
Eligible to vote*	86	100 %
Valid returns	57	66 %
Invalid returns	0	0 %
Abstentions (no candidate marked)	1	1 %

* According to the present Constitution voting was restricted to "full" members from the Electoral List provided by the General Secretary, 19.02.2015 (Total membership, including "associate" members, stands at 200)

Compiled by:
R M Schwab, ICCP Returning Officer
30 May 2015

Know Your Coal Petrologist #1

Claus Diessel was kind enough to be guinea pig for KYCP #1 back in March 2002 (ICCP News #25). KYCP #56 is a suitable follow up.

Know Your Coal Petrologist #56

It is said that revenge is sweet. Claus Diessel "volunteered" his services for KYCP #1. I think the conversation was something along the lines of "where did you get THAT!!!" Little did the readers of ICCP News know exactly what Claus had been looking at. Well know you know. The photo above shows what Claus was confronted with on a daily basis in 1981 as he entered the 3rd year laboratory at the University of Newcastle (NSW). Scribblings on the blackboard are of note. They are either the result of the random arm waving apparent in the picture or an interpretation of the structural history of the Sydney Basin as given by Prof. Dr. Konrad Meolle. Advice received with the photo suggests the latter. Although Claus did not submit the above photograph, I am sure that he will be pleased to see himself vindicated. Answer to these 2 unruly students on page 38.

TSOP - Yogyakarta, Indonesia, 2015 Meeting

The TSOP 2015 Annual Meeting On the Edge: Hydrocarbons in the Tropics, will be held from Sunday, the 20th of September to Wednesday, the 23rd of September 2015 in the historic city of Yogyakarta, Indonesia. A post-conference field trip to the Mahakam River Delta will be held from the 24th to the 27th of September. Abstract submission has been extended to 22 June 2015 and early registration prices are available until 31 July 2015. See the meeting website http://tsop2015.ugm.ac.id for more information.

67th Meeting of the International Committee for Coal and Organic Petrology (ICCP)

September 5-11, 2015
Potsdam, Germany

ORGANISING COMMITTEE

Petra David (Chair), Wintershall Holding GmbH, Kassel, Germany
Brian Horsfield, Deutsches GeoForschungsZentrum GFZ, Potsdam, Germany
Andreas N. Küppers, Deutsches GeoForschungsZentrum GFZ, Potsdam, Germany
Antje Treutler, Deutsches GeoForschungsZentrum GFZ, Potsdam, Germany
Gerd Bieg, Haltern, Germany
Gisela Bieg, Mikroskopische Untersuchungen, Haltern, Germany
Daniela Focke, LAOP, Lauta, Germany
Carl Hilgers, Hilgers Technisches Büro, Königswinter, Germany
Stefanie Henne, LAOP, Lauta, Germany
Claudia Niemz, LAOP, Lauta, Germany
Angelika Vieth, Geologischer Dienst NRW, Krefeld, Germany

WELCOME

On behalf of the Organizing Committee you are invited to attend the 67th Meeting of the International Committee for Coal and Organic Petrology-ICCP. The meeting is organisied and hosted Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum GFZ.

MEETING VENUE

The 67th Annual Meeting of the International Committee for Coal and Organic Petrology will be hosted by the Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum GFZ in Potsdam, Germany, September 5 -11, 2015. The meeting venue is Building 33 at the Telegrafenberg in Potsdam. Prior to the meeting an ICCP Training Course 'Organic Petrology in Industrial Applications' will be organized.

POTSDAM

The city of Potsdam is located 24 km southwest of Berlin. Potsdam is the capital of the German Federal State of Brandenburg and has about 160.000 inhabitants. It is situated at the river Havel. Potsdam was a residence of the Prussian kings and the German Kaiser, until 1918. Around the city there are a series of interconnected lakes and cultural landmarks, in particular the parks and palaces of Sanssouci, the largest World Heritage Site in Germany. The Potsdam Conference, the major post-World War II conference between the victorious Allies, was held at another palace in the area, the Cecilienhof. Babelsberg, in the south-eastern part of Potsdam, was a major film production studio before the war and has enjoyed success as a major center of European film production since the fall of the Berlin Wall. The Filmstudio Babelsberg is the oldest large-scale film studio in the world. Potsdam developed into a centre of science in Germany from the 19th century. Today, there are three public colleges, the University of Potsdam and more than 30 research institutes in the city.

TELEGRAFENBERG

The Telegrafenberg site is located at 94 metres elevation, southeast of Potsdam city centre. The name 'Telegrafenberg' originates from the construction of an optical telegraph on the hill in 1832. It was the fourth of 61 optical telegraphs in a 600 kilometre continuous line between Berlin and Koblenz, through the southern part of former Prussia. In 1874 the first observatory was built on the hill. Over the years the site developed in a main center for astronomy, physics and geosciences. As part of the Albert Einstein Science Park , GFZ and a number of other scientific institutions have their headquarters on the Telegraphenberg.

SCHEDULE OVERVIEW

	Saturday 05.09.2015	Sunday 06.09.2015	Monday 07.09.2015	Tuesday 08.09.2015	Wednesday 09.09.2015	Thursday 10.09.2015	Friday 11.09.2015
9:00	Field Trip		Welcome	Commission Meeting	Commission Meeting	Commission Meeting	ICCP Symposium
9:30							
10:00							
10:30			Coffee Break	Coffee Break	Coffee Break	Coffee Break	
11:00			Opening Plenary Session	Commission Meeting	Commission Meeting	Commission Meeting	
11:30							
12:00							
12:30							
13:00			Lunch Break	Lunch Break	Lunch Break	Lunch Break	
13:30		ICCP Council Meeting					
14:00			Commission Meeting	Commission Meeting	Commission Meeting	Closing Plenary Session	
14:30							
15:00							
15:30			Coffee Break	Coffee Break	Coffee Break		
16:00			Commission Meeting	Commission Meeting	Commission Meeting		
16:30							
17:00							
17:30				ICCP Council Meeting			
18:00		ICCP Icebreaker				Conference Dinner	
18:30							
19:00							
19:30							
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22:00							
22:30							
23:00							
23:30							
24:00							

DETAILED SCHEDULE

Saturday 05/09/2015	**Start: Mercure Hotel, Lange Brücke, Potsdam**
08:00 - 18:00	**Field Trip** The field trip includes a visit to the East German Lignite opencast mine Jänschwalde and the associated power plant with information on vibrocompacting in the Lusatian lignite mining area and post-mining operations in the Lusatian lignite mining district. The post-mining operations are applied to create a new cultural landscape.
Sunday 06/09/2015	**Venue: Telegraphenberg, Building H27**
13:30 - 18:00**Council Meeting Telegraphenberg, Building H27, Geolab**	
18:00 - 21:00	**ICCP Icebreaker & Registration** **Telegraphenberg, Building H27, Great Refractor** The Potsdam Great Refractor is the world's fourth largest double-refractor telescope. It belonged to the former Astrophysical Observatory, Potsdam and was inaugurated by the Emperor Wilhelm II in 1899. The instrument is an important example of the fine mechanical and optical manufacturing of the early astrophysical research at the beginning of the 20th century. The German association "Förderverein Großer Refraktor Potsdam e.V.", which renovated extensively the heritage-protected telescope in the previous years, will give a guided tour in the refractor building.
Monday 07/09/2015	**Venue: Telegraphenberg, Building H**
08:30 - 10:00	**Registration** **Welcome and Opening of the 67th ICCP Meeting**
10:00 - 10:30	**Coffee Break**
10:30 - 12:00	***Organic Petrology Research in South Eastern Europe and Russia*** Organic Petrology in service of Archaeology: a study on chars from Çukuriçi Höyük, Western Turkey. *K. Christanis, G. Siavalas, R.G. Oskay, D. Wolf, B. Horjes* Coal petrography of Carboniferous coal seams from the Kozlu K20G well, Zonguldak Basin, Turkey. *A.I. Karayigit, M. Mastalerz* Peat-forming process in Keri Mire, Zakynthos Island, Southern Greece: a modern analogue of paralic coal-forming palaeoenvironments. *S. Kalaitzidis* Mineralogy, geochemistry, and Hg content characterization of fly ashes from "Maritza 3" and "Varna" thermoelectric power plants, Bulgaria. *I. Kostova, C. Vassileva, S. Dai, J. Hower* A proposal for a new classification system for xylite-rich low rank coals: an example from a Neogene Greek lignite deposit. *I.K. Oikonomopoulos, G. Kaouras, N. Tougiannidis, M. Perraki, P. Antoniadis, W. Ricken* Application of organic petrology to characterization of blast furnace dusts. *G. Predeanu, D.C. Mihăiescu, C. Panaitescu* Evaluation of coal mechanical and thermal processing by means of organic petrology methods. *G. Predeanu, C. Panaitescu* Petrographic composition and degree of coal metamorphism in deep-seated successions of Donbass. *I.E. Stukalova, A.V. Ivanova*

12:00 - 12:30	**Coffee Break**
12:30 - 13:30	***Opening Plenary Session of the General Assembly*** 1. Apologies for Non-attendance 2. Minutes of Previous Meeting 3. Arrangements for Potsdam Meeting 4. Future Meetings (short status) 5. Membership 6. Elections (short status) 7. Editor's Report 8. Financial matters 9.ICCP Training Subcommittee
13:30 - 14:30	**Lunch**
14:30 - 15:00	***Opening Plenary Session of the General Assembly*** 10. ICCP Accreditation Programs
15:00 - 15:10	**Meeting of Commission I** *Chair: Dr. Deolinda Flores* *Secretary: Dr. Stavros Kalaitzidis* Opening Remarks
15:10 - 15:30	***Single Coal Accreditation Program - SCAP*** *Dr. Kimon Christanis* ICCP organises Accreditation Programs through which individual petrographers can be granted an ICCP Accreditation in the techniques of petrographic analyses. The Single Coal Accreditation Program (SCAP) for both maceral group and vitrinite random reflectance analyses tests 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. The 2014/2015 ICCP accreditation round has been finalized and evaluated
15:30 - 16:00	***Suberinite Working Group*** *Dr. Peter Crosdale* The objectives of the Suberinite Working Group are to investigate the various forms of suberinite in coal and to establish if the present ICCP definition is adequate and applicable. A round robin exercise has been performed and the results will be presented by Dr. P. Crosdale and discussed.
16:00 - 16:30	**Coffee Break**
16:30 - 16:45	***Standardization Working Group*** *Dr. Walter Pickel* The purpose of the Standardization Working Group is to organize and evaluate round robin exercises related to analysis procedures, recent discussions as well as to definitions and classifications established or to be established by the ICCP. The current exercise deals with a round robin exercise performed on image-based presentation in which petrographers are requested to assign the identified maceral to a respective vitrinite subgroup: telovitrinite, detrovitrinite or gelovitrinite according to vitrinite 1994 ICCP system.

16:45 - 17:00	***ISO Standard*** *Dr. Walter Pickel* Since its founding, the ICCP has formalised coal petrographic nomenclature, which is now employed in all branches of coal science, and technology. These definitions form the basis of standards established by national and international organisations such as ISO, DIN and ASTM. The ICCP is still involved in the development of new standards and the revision of existing standards. Dr. Pickel will outline the progress of the revision of the ISO 7404, Part 4 Method of determining microlithotype, carbominerite, and minerite composition.
17:00 - 17:30	***Distinguishing Features of Macerals Editorial Group*** *Dr. Walter Pickel* The aim of this Editorial Group is to define and compile criteria that will add more detail to the ICCP 1994 maceral classification and thus support analysts in maceral identification. The intention is to go beyond the definitions and create a guide that will clarify points in the microscopic identification of macerals.
17:30 - 18:10	***New Methodologies and Techniques in Organic Petrology Editorial Group*** *Dr. Lila Gurba* The scope of the New Methodologies & Techniques in Organic Petrology Editorial Group is to prepare a "Handbook of Instrumental Techniques Applied in Coal and Organic Petrology - Electron Microprobe". This Handbook will provide information on the instrument (capabilities, limitations, development of analytical protocols, standards, etc.) as well as on coal macerals and source rocks studies using EMA.
Tuesday 08/09/2015	**Venue: Telegraphenberg, Building H**
08.30 - 08.50	***Micro-FTIR Working Group*** *Prof. Kuili Jin, Dr. Yuegang Tang, Dr. Shaoqing Wang, Dr. Lei Zhao* This WG was established in 2012 in Beijing and deals with application of Micro-FTIR on coals, with the aim to standardize the different existing methodologies.
08:50 - 09:15	***New Handbook Editorial Group*** *Dr. Ivana Sýkorová, Dr. Isabel Suárez-Ruiz & Dr. Kimon Christanis* The ICCP intends to publish a New Handbook. For this purpose, text from previous Handbook versions and publications has been scanned and is available in editable text format. A draft structure of New Handbook Edition has been defined. A number of definitions have been reviewed and are now ready to be published in the ICCP website.
09:15 - 09:30	***TEM, SEM and Pyrolitic Carbon Editorial Goup*** *Prof. Barbara Kwiecińska & Dr. Sławomira Pusz* New chapters on TEM microscopy, SEM microscopy, and Pyrolitic Carbon have been drafted by the convenors of the Editorial Group. The text is already published on the ICCP website for the final review phase by Commission I members. It is intended to attain an approval of these finalized Chapters from Commission I members at the meeting in Potsdam.
09:30 - 10:00	***QEMSCAN and Raman Spectroscopy Editorial Group*** *Dr. Sandra Rodrigues* QEMSCAN (Quantitative Evaluation of Minerals by Scanning Electron Microscopy) is a fully automated microanalysis system that allows quantitative chemical analysis of materials and generation of high-resolution mineral maps and images as well as porosity structure. It can be applied to the study on mineral matter in coal and characterization of organic matter hosting rocks. The draft document has been uploaded on the ICCP website for further review.

10:00-10:30	**Coffee Break**
10:30 - 12:00	***Liptinite Editorial Group*** *Dr. Walter Pickel* The draft document along with the photomicrographs has been delivered to Commission I and it will be available on the ICCP webpage for ICCP Members to review. Commission I will prepare a final version for the ICCP Handbook accompanied by numerous photomicrographs and a final version for International Journal of Coal Geology with a limited number of photomicrographs.
12:00 - 12:30	**Coffee Break**
12:30 - 13:00	***Oxidation Editorial Group*** *Jolanta Kus MSc., DIC & Dr. Magdalena Misz-Kennan* The Oxidation Editorial Group has prepared the Chapter on "Natural aerial coal oxidation (weathering) and artificial aerial coal oxidation (laboratory oxidation) - A review" to be included in the New Edition of the ICCP Handbook. The Draft Chapter of Coal Oxidation (text and plates 1-13) is already published on the ICCP website for the final review phase by Commission II members. It is intended to attain an approval of the finalized Draft Chapter from Commission II members at the meeting in Potsdam.
13:00 - 13:10	***Petrographic Image Database*** *Dr. Johan Joubert, Paul Hackley MSc & Mr. Paddy Ranasinghe* The aim of the Working Group is to establish and maintain a database of photomicrographs to support the ICCP classification, teaching, and training courses in Organic Petrology organized by the ICCP. The requirements and structure of the database as well as the specifications for the quality size and format of photomicrographs have to be defined. Images of the maceral sheets and the images of the Working Groups as well training material from the Diskus system will be implemented. For comparison, Paul Hackley will demonstrate the USGS Photomicrograph Atlas.
13:10 - 13:25	***Enhancement of FOSSIL Measurement System*** *Carl Hilgers* Carl Hilgers will present the new developments of the FOSSIL measurement system.
13:25 - 13:30	***Commission I: Closing Remarks*** *Dr. Deolinda Flores & Dr. Stavros Kalaitzidis*
13:30 - 14:30	**Lunch**
14:30 - 16:00	***Microscope Session Commission I & Commission II*** *Participants can bring their own polished blocks for discussion.*
16:00 - 16:30	**Coffee Break**
16:30 - 17:30	***Microscope Session Commission I & Commission II*** *Participants can bring their own polished blocks for discussion.*
17:30 - 20:00	***Council Meeting*** *Telegraphenberg, Building H27, Geolab*
Wednesday 09/09/2015	**Venue: Telegraphenberg, Building H**
08:30 - 08:45	***Meeting of Commission II*** *Chair: Paul Hackley, MSc.* *Secretary: Jolanta Kus, MSc., DIC* Opening Remarks

08:45 - 09:15	***Dispersed Organic Matter White Paper*** *Dr. Maria Hámor-Vidó* The Working Group was created to provide a reference text for the petrographic analysis of dispersed organic matter including the identification of components and thermal maturity. A white paper has been drafted and it is intended to publish it after the final review and approval by Commission II members.
09:15 - 10:00	***Shale Gas & CBM/CO_2 Sequestration Working Group*** *Dr. Lila Gurba* The aim of this Working Group is to identify possible contributions of organic petrology to coalbed methane studies and its advanced applications.
10:00 - 10:30	**Coffee Break**
10:30 - 11:10	***Identification of Dispersed Organic Matter Working Group*** *Jolanta Kus MSc., DIC* The focus of this Working Group is to test the applicability of the existing nomenclature of dispersed organic matter classified in accordance to the ICCP-TSOP Classification System (2004). A number of round robin exercises were performed to test the existing ICCP definitions of alginite and bituminite. A draft manuscript on the results attained in previous round robin exercises will be presented.
11:10 - 11:30	***Identification of Primary Vitrinite Working Group*** *Paul Hackley MSc & Dr. Brett Valentine* The aim of this Working Group is to provide guidelines for identification of the primary vitrinite population in dispersed organic matter. A round robin exercise was performed to develop precision statistics for ASTM D7708: Standard Test Method for Microscopical Determination of the Reflectance of Vitrinite Dispersed in Sedimentary Rocks. Future efforts in this Working Group will investigate ways to improve measurement reproducibility in high maturity, low TOC sedimentary rocks.
11:30 - 12:00	***Correction Function for Fluorescence Lamps*** *Dr. Ángeles G. Borrego* The application of the correction function to the calibration of the ICCP halogen lamps used during spectral fluorescence analyses has to be re-evaluated. Future work includes the evaluation of the frequency of calibration of artifacts generated during calibration and of the spectral drift over time.
12:00 - 12:30	**Coffee Break**
12:30 - 13:30	***DOMVR Accreditation Program*** *Dr. Ángeles G. Borrego* Dr. A.G. Borrego will present the results of the 2014/2015 Accreditation Program on Dispersed Organic Matter Vitrinite Reflectance Accreditation Program (DOMVR).
13:30 - 14:30	**Lunch**
14:30 - 15:10	***Palynofacies Working Group*** *Prof. João Graciano Mendonça Filho* Palynofacies analysis is an integral part of the organic petrology. The activities of this Working Group generate important results by linking transmitted light-based palynofacies techniques with the traditional reflected light microscopy analysis applied in organic petrology investigations.

15:10 - 15:30	***DOM Atlas Working Group - ICCP-TSOP*** *Dr. Isabel Suárez-Ruiz* This project is a joint effort of the International Committee for Coal and Organic Petrology (ICCP) and The Society for Organic Petrology (TSOP). The Objective of the Working Group is to develop a system enabling classification of dispersed organic matter using different sample mounting techniques and diverse illumination conditions. An atlas is in preparation.
15:30 - 16:00	***Commission II: Closing Remarks*** *Paul Hackley MSc & Jolanta Kus MSc., DIC*
16:00 - 16:30	**Coffee Break**
16:30 - 16:40	***Meeting of Commission III*** *Chair: Dr. Isabel Suárez-Ruiz* *Secretary: Dr. Magdalena Misz-Kennan* Opening Remarks
16:40 - 17:10	***Carbon Materials Working Group*** *Dr. Georgeta Predeanu & Prof. Cornelia Panaitescu* The objective of the Working Group is directed to the microscopical characterization of carbon materials derived from coal and petroleum. It focuses on the consolidation and completion of the existent methods developed for structural and textural characterization of carbon materials. Activities include description of optical appearance of the carbon textures, identification of the morphological differences (optical texture and shape, optical type, and size) and evaluation of the origin of optical texture and the porosity development.
17:10 - 17:30	***Fly Ash Working Group*** *Dr. Isabel Suárez-Ruiz & Dr. Bruno Valentim* The objective of the Working Group is the identification of all the organic and inorganic components enclosed in fly ashes by application of optical microscopy and to establish an ICCP classification that can be accepted internationally.
Thursday 10/09/2015	**Venue: Telegraphenberg, Building H**
08:30 - 09:00	***Coal Blends Accreditation Program*** *Dr. Isabel Suárez-Ruiz* The outcome of the 2014/2015 Accreditation Program on Coal Blends (CBAP) will be presented.
09:00 - 10:00	***Self-Heating Working Group*** *Dr. Magdalena Misz-Kennan, Jolanta Kus MSc. DIC., Dr. Deolinda Flores* Both organic and mineral matters undergo thermal alteration during self-heating processes. The objectives of this Working Group are to assemble examples of a variety of forms of transformation of organic matter in coal and coal wastes at different rank and to create a classification of self-heating-induced transformations of organic matter in coal and coal wastes. The current exercise deals with a round robin exercise performed on image-based presentation of thermally altered coal wastes in which petrographers are requested to assign the identified maceral in accordance to the newly proposed classification of thermally altered organic matter in coal wastes.

10:00 - 10:30	***Optimization of Reflectance Measurements on Complex Blends Working Group*** *Prof. Joan Esterle & Dr. A.K. Singh* The basis of this Working Group is the fact that production of good quality cokes from blended coals is difficult and that measurement of the vitrinite reflectance (V-Steps) of coals in terms of Mean Maximum Reflectance (MMR) as well as optimization of V-steps remains still cumbersome. The aims of this WG are to count the reactive macerals and measure the vitrinite reflectance in each single coal derived from different countries i.e. India, Australia, New Zealand, Indonesia, China, USA, Mozambique, etc. and to repeat the respective exercise after blending the coals of different origin and of varying ratios. This would enable the optimization of suitable blends suited to prepare desired cokes for steel industry. It will also enable us to refine/re-define the number of counts required for reactive macerals and also the number of vitrinite grains necessary for mean max reflectance & V-step combination.
10:30 - 11:00	**Coffee Break**
11:00 - 11.10	***Characterization of Gasification Products Working Group*** *Dr. Nicola Wagner* This Working Group was organized to establish a petrographic classification and to characterize the organic and inorganic particles obtained from coal gasification. The chars produced from different gasification technologies as well as the influence of particle size, maceral type and conversion behaviour are incorporated in the objectives included in the research work of the Working Group.
11:10 - 11.50	***Coke Petrography Working Group & Related Activities*** *Lauren Johnson* The objective of this Working Group is to establish a classification of coke textures which is reproducible and which can predict coke technological properties.
11:50 - 12.00	***Proposal of Accreditation Programme on Structural Order*** *Dr. Sandra Rodrigues*
12:00 - 12.15	***Commission III: Closing Remarks*** *Dr. Isabel Suárez-Ruiz & Dr. Magdalena Misz-Kennan*
12.15 - 13.30	***Closing Plenary Session of the General Assembly*** 11. Registration 12. Revision of Statutes 13. Membership 14. Website 15. Elections
13:30 - 14:30	**Lunch**
14:30 - 16.00	***Closing Plenary Session of the General Assembly*** 15. Short reports from the Commission Meetings 17. Short report from the Council Meeting 18. Arrangements for 2016 Meeting 19. ICCP Awards 20. Others
16:00	**Departure to Mercure Hotel by bus**
17:00 - 19.00	**City Tour & Visit to Pfingstberg & Belvedere**
19:00 - 24.00	**Conference Dinner**

Friday 11/09/2015	**The ICCP Symposium on "Coal and Organic Petrology - New Perspectives and Applications: a tribute to Marlies Teichmüller (1914-2000)"** *Venue: Wissenschaftsetage Bildungsforum Potsdam (WIS), „Süring" and „Volmer" Halls, Am Kanal 47, Potsdam*
Chairs: Petra David & Polla Khanaqa	
09:00 - 09:25	Organic petrographic oddities of the Woodford Shale, Oklahoma, U.S.A. *B.J. Cardott*
09:25 - 09:50	New insights to the geology, micropetrography and genesis of the pyropissite-deposits of Zeitz-Weißenfels, Germany. *H. Gerschel, J. Rascher, N. Volkmann*
09:50 - 10:15	Geochemical, palaeopalynological and petrographical features of Gurha lignite, Rajasthan, western India: an insight into the palaeovegetation. *A. Singh, R.P. Mathew, H. Singh, B.D. Singh, S. Dutta*
10:15 - 10:40	Characterization of Carboniferous coals from the Donets Basin, Ukraine by EPMA, organic petrography and geochemical methods. *D. Gross, D. Misch, F. Zaccarini, A. Király, R.F. Sachsenhofer, V.A. Privalov, E.A. Panova*
10:40 - 11:00	**Coffee Break**
Chairs: Hans-Martin Schulz & Ángeles Gómez Borrego	
11:00 - 11:25	Effect of igneous intrusion on hydrocarbon generation behavior of coal seam in Jambad area, Raniganj Basin, India. *A.K. Varma, S. Misra, S. Chakrabortty, S.K. Das, B. Hazra, D.J. Patil, B.D. Singh, S. Biswas, S.K. Samad*
11:25 - 11:50	Organic petrology of the lacustrine Lucaogou Formation, Santanghu Basin, northwest China: application to lake basin evolution. *P.C. Hackley, N. Fishman, T. Wu, G. Baugher*
11:50 - 12:15	Origin and evolution of Asian Dipterocarps: evidences from resin chemistry and palynological data. *S. Dutta*
12:15 - 12:40	Petrographic characterization of coals from virgin areas of the Barakar Formation, South Karanapura Coalfield, India and their utilization potential. *P. Kumari, A.K. Singh, N. Kumari, P. Boral, S. Kumar, N.K. Shukla, S. Chatterjee, B. Ghosh*
12:40 - 13:40	Lunch
Chairs: Stavros Kalaizidis & Walter Pickel	
13:40 - 14:05	Traces of burial-induced Permo-Triassic and Jurassic heating discriminated from the Cretaceous Upper-Austroalpine orogenetic diagenetic-metamorphic pattern by organic matter studies and maturity modelling, Mittelbünden, Switzerland. *R. Ferreiro Mählmann, M. Wolf, D. Bernoulli, R. Petschick, P. Meister, J. Mullis, M. Giger, H. Krumm*
14:05 - 14:30	Coke optical texture as the fractal object. *M. Piechaczek, A. Mianowski, A. Sobolewski*
14:30 - 14:55	Study of maceral and rank characteristics vis-a-vis their industrial implications - a case study on coals of Raniganj Formation, India. *A.K. Singh, P. Boral, N.K. Shukla, S. Kumar, P. Kumari, V. Singh, B. Ghosh*
14:55 - 15:20	Optical properties of anthracites - changes under oxidation. *S. Pusz, H. Krztoń, B. Kumanek, S. Czajkowska, U. Szeluga, . Strzezik, A. Krztoń*
15:20 - 15:40	**Coffee Break**
Chairs: Jolanta Kus & Magdalena Misz-Kennan	
15:40 - 16:05	Petrological considerations for the demineralization of Rajmahal coals with Pseudomonas mendocina B6-1. *P.K. Singh, A. L. Singh, A. Kumar, M.P. Singh*
16:05 - 16:30	Comparison of optical characteristics of cokes obtained from pristine and weathered coals. Ł. Smędowski, M. Piechaczek
16:30 - 16:55	Miocene depositional environment and climate in western Europe based on maceral indices and geochemical data for three thick lignite seams of the Lower Rhine Embayment. A. Stock, R. Littke

POSTERS	
Lanthanides from coal seams of Ruda Beds in south-west part of the USBC, Poland	Z. Adamczyk*, B. Białecka, J. Całusz Moszko, J. Komorek, M. Lewandowska
Charcoal preserved in the pyroclastic rocks formed during the Neogene volcanic episode, Lower Silesia, Poland	Z. Adamczyk, A. Klupa, M. Kłusek, M. Kokowska- Pawłowska*, J. Komorek, M .Lewandowska, J. Nowak
The distribution of rare earth elements (REE) during sequential chemical leaching of coals from Ruda and Orzesze beds, USCB, Poland	Z. Adamczyk, A.Jakóbik, J. Komorek*, M. Lewandowska
The impact of Neogene basalt intrusion on optical properties of organic matter in the Carboniferous beds, SW-part of the USCB, Poland	Z. Adamczyk, M. Kokowska- Pawłowska, J. Komorek, M. Lewandowska, J. Nowak*, A. Klupa
Differentiation of some trace elements content in coal seams from Ruda Beds SW-part USCB Poland	Z. Adamczyk, B. Białecka, J. Całusz Moszko, J. Komorek, M. Lewandowska*
Petrographic characteristics of ex-situ lignite gasification residues	B. Bielowicz*
Petrographic classification of solid residues from hydrogenation and pyrolysis of soft brown coals using the reflected light microscopy	H. Gerschel*, N. Volkmann
Palynofacies and thermal maturation of organic matter of the Gaiteiros-1 borehole, Lusitanian Basin, Portugal	P.A. Gonçalves*, A. Morgado, J.G. Mendonça Filho, D. Flores
Influence of large scale overthrusts on p-T dynamics of complex sedimentary basins – the Oman Mountains over-thrusted by the Semail ophiolite	A. Grobe*, J.L. Urai , R. Littke
Organic petrology and geochemistry of Eocene Suzak bituminous marl, north-central Afghanistan	P.C. Hackley*, J.R. SanFilipo
Organic petrological assessment of the facies evolution of the Norian-Rhaetian carbonate-rich environment of Rezi-1 well samples, western Hungary	M. Hámor-Vidó*, H. Hufnagel
Observation of early diagenetic processes driven by organic matter changes in the Toarcian Úrkút Manganese Formation in Hungary	M. Hámor-Vidó*
Qualitative deposit modelling: example Kompania Węglowa SA	I. Jelonek*, M. Poniewiera
A review of research and progress in the field of Organic Petrology in China	K. Jin*
Maturity investigations on low-mature organic matter using micro Raman spectroscopy	A. Király*, F. Schubert, D. Misch, N.K. Lünsdorf, T.M Tóth
Pyrolysis of lignite, HDPE and lignite/HDPE mixture	I. Kojić, G. Gajica, D. Životić*, A. Bechtel, K. Stojanovi
Geochemical characteristic of coaly claystones from Załęże Beds in the Upper Silesian Coal Basin (USCB)	M. Kokowska-Pawłowska*
The distribution of rare earth elements (REEs) in the claystone-mudstone series in the profiles Westphalian A and B of the new boreholes in the Lublin Coal Basin (LCB)	M. Kokowska-Pawłowska, E. Krzeszowska*

Micro-FTIR investigation of aliphatic components in sporinite thermally treated within the range 400-1200ºC	J. Komorek*
Westphalian marine faunal marker horizons of Northwestern Europe and their correlation with Lublin Coal Basin horizons	E. Krzeszowska*
Geochemical study of Westphalian freshwater fauna horizons in new boreholes in the Lublin Coal Basin, Poland	E. Krzeszowska, M. Kokowska- Pawłowska*
Organic petrology of the late Jurassic – early Cretaceous Chia Gara Formation in the Zagros Fold-Thrust Belt, Kurdistan region, Iraq	J. Kus*, P. Khanaqa, I.M.J. Mohialdeen, S. Kaufhold, D. Klosa
Recent advances in the applications of organic petrology to archaeology	B. Ligouis*, M. Vogler, S. Henne
Significance of the maceral composition of two condensed Middle Holocene peat deposits in N Spain	V. López-Días, J. Urbanczyk, C.G. Blanco, A.G. Borrego*
Methodical aspects and interpretation of Raman spectroscopy data of dispersed vitrinite and its correlation with vitrinite reflectance	N.K. Lünsdorf*
Predicting coke quality based on coal petrography and rheology analysis, case: Colombia	S.R. Manosalva-Sánchez*, J. Mariño, W.E. Naranjo- Merchán
Organic composition and palaeoenvironment of Valia Lignite Deposit (Cambay Basin), Gujarat, western India: inferences from palynology and petrography	R.P. Mathews*, H. Singh, V.P. Singh, B.D. Singh, A. Singh
***Botryococcus braunii versus Gloecapsomorpha prisca*: chemical composition correlation using Laser Micropyrolysis-Gas Chromatography/ Mass Spectrometer (LmPy-GCMSMS)**	J.G. Mendonça Filho*, T.F. Silva, M.C. Silva, A.D. Oliveira, J.T. Souza, L.G.C. Santos, N.F. Rondon
Self-heating induced changes in petrography and organic geo- chemistry in coal wastes of the Lower Silesian Coal Basin, Poland	M. Misz-Kennan*, M. Fabiańska, J. Ciesielczuk, Ł. Kruszewski
Palaeoenvironmental reconstruction of the Kovin lignite deposit, Serbia	D. Mitrović, N. Đoković, D. Životić*, A. Bechtel, K. Stojanović*
Relationship between micro-Raman spectral parameters of coking coals and resulting cokes	R. Morga*, I. Jelonek, K. Kruszewska
Petrology and geochemistry of coals of Rampur Seam, Ib-River Coalfield, Mahanadi Gondwana Basin, India	A.S. Naik*
Chemical composition and content of selected trace elements in self-burnt coal mining waste	J. Nowak*
Organic petrology as fundamental tool to determine the exhausted source rocks of a paleo-petroleum system, Cameros Basin, North of Spain	S. Omodeo Salè*, I. Suárez- Ruiz, J. Arribas, R. Mas, M.J. Herrero, L. Martínez
Eco-friendly extraction of heavy and rare earth metals from combustion waste products - the kinetic study of the acid attack	C. Onose*, A. Tane, M. Mihaly, D. Stamate, D.A. Popa, E.A. Rogozea
Wavelength dispersion of vitrinite reflectance on different stages of thermal maturation	R. Orbán*
Impact of coal petrographic properties on bottom ash quality and utilisation: examples from a large power plant of Romania	G. Predeanu*, L.G. Popescu, T.A. Abagiu, C. Panaitescu, B. Valentim, A. Guedes

Coal ashes a potential secondary raw material for the recovery of heavy & rare metals	G. Predeanu*, L.G. Popescu, T.A. Abagiu, B. Valentim, A. Guedes, B. Bialecka, J. Moszko
Organic matter of the Domanic deposits in the Timano-Pechora and Volga-Ural Basins, Russia	N.V. Pronina*, N.P. Fadeeva, M.A. Bolshakova, M.S. Luzhbina, I.V. Tarasenko
Petrographic analyses of the thermal discontinuity at the Canol and Ogilvie Formation Boundary of N. Parkin D-61 well from Eagle Plain, Yukon, Canada	J. Reyes*, L. Lane, P. Moignard, A. Mort
Organic matter characterization of Silurian black shales from NE of Portugal: geochemical and petrographical approaches	J. Ribeiro*, I. Costa, J.O. Mendonça, J.G. Mendonça Filho, D. Flores, F. Noronha
Petrographic characterization of coal waste piles from El Bierzo Coalfield (Spain) affected by spontaneous combustion processes	J. Ribeiro*, R. Gomes, I. Suárez-Ruiz, D. Flores
Organofaciological evidences of terrestrial organic matter deposition across the Toarcian Oceanic Anoxic Event recorded in the Coimbra region, northern Lusitanian Basin, Portugal	B. Rodrigues*, L.V. Duarte, J.G. Mendonça Filho, L.G. Santos, A. Donizeti de Oliveira
Molecular and petrological chara- cteristics of Lower Jurassic Blanowice coal, Southern Poland	M. Rybicki*, M. Misz-Kennan, L. Marynowski, B.R.T. Simoneit
Role of inertinite in coke making through coke petrography: a case study from Damodar Valley Coalfield, India	R. Singh*, H.P. Tiwari
Content and composition of residual hydrocarbon gases in coals and degree of coal metamorphism	I.E. Stukalova*, V.S. Lebedev
Radiation-induced alteration of the uraniferous coal from the Permian "V Rybníčku" seam, Czech Republic	I. Sýkorová*, B. Kříbek, M. Havelcová, V. Machovič, M. Žaloudková, A. Špaldoňová, L. Lapčák, J. Blažek, I. Knésl
Application of coals of various ranks as fillers of polymer composites	U. Szeluga, S. Pusz*, B. Kumanek, L. Kurzeja
Organic geochemical characterization of the Permian Gondwana coals from Damodar Valley Basin, eastern India	A. Tewari*, S. Dutta
Coal facies variation of the Carboniferous bituminous coals from the Lower Silesian Coal Basin, Central Sudetes, SW Poland and its relation to wildfire occurrence	M. Uglik*, G.J. Nowak
Vertical evolution of organic matter in Comeya Peat profile, Asturias, Northern Spain as seen by stable isotopes variation and organic matter preservation	J. Urbanczyk, A. Bechtel, A.G. Borrego*
GC-MS characterization of some novel benzohopanes in coals	N. Vuković, H.P. Nytoft, D. Životić*, K. Stojanović
A petrographic consideration of coal associated with uranium, Springbok Flats coalfield, South Africa	N.J. Wagner*, M. Ndlalose, N. Malumbazo
Petrological and organic geochemical characterization of coal and shales from the Ibar Basin, south Serbia	D. Životić*, A. Bechtel, R. Sachsenhofer, R. Gratzer, K. Stojanović, N. Andrić, V. Simić
Organic petrographic oddities of the Woodford Shale, Oklahoma, U.S.A.	B.J. Cardott*
Origin and evolution of Asian Dipterocarps: evidences from resin chemistry and palynological data	S. Dutta*

Traces of burial-induced Permo- Triassic and Jurassic heating discriminated from the Cretaceous Upper-Austroalpine orogenetic diagenetic-metamorphic pattern by organic matter studies and maturity modelling, Mittelbünden, Switzerland	R. Ferreiro Mählmann*, M. Wolf, D. Bernoulli, R. Petschick, P. Meister, J. Mullis, M. Giger, H. Krumm
New insights to the geology, micropetrography and genesis of the pyropissite-deposits of Zeitz- Weißenfels, Germany	H. Gerschel*, J. Rascher, N. Volkmann
Characterization of Carboniferous coals from the Donets Basin, Ukraine by EPMA, organic petrography and geochemical methods	D. Gross*, D. Misch, F. Zaccarini, A. Kiraly, R.F. Sachsenhofer, V.A. Privalov, E.A. Panova
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Study of maceral and rank characteristics vis-a-vis their industrial implications - a case study on coals of Raniganj Formation, India	A.K. Singh*, P. Boral, N.K. Shukla, S. Kumar, P. Kumari, V. Singh, B. Ghosh
Geochemical, palaeopalynological, and petrographical features of Gurha lignite (Rajasthan), western India: an insight into the palaeovegetation	A. Singh*, R.P. Mathew, H. Singh, B.D. Singh, S. Dutta
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Effect of igneous intrusion on hydrocarbon generation behaviour of coal seam in Jambad area, Raniganj basin, India	A.K. Varma*, S. Misra, S. Chakrabortty, S.K. Das, B. Hazra, D.J. Patil, B.D. Singh, S. Biswas, S.K. Samad

HELMHOLTZ-CENTRE POTSDAM - GFZ GERMAN RESEARCH CENTRE FOR GEOSCIENCES

The object of research of the GFZ is the Earth System. The GFZ, as a Helmholtz Centre, covers all geo-science disciplines, from geodesy to geo-engineering, working on them in a close interdisciplinary union with the associated sciences of physics, mathematics and chemistry, and with associated disciplines in engineering: rock mechanics, hydraulic engineering and seismological engineering. GFZ's core areas of expertise lie in developing and applying satellite technologies and space-based measurement procedures; in operating geodetic-geophysical measurement etworks; in the tomography of the earth, using geophysical deep-sounding techniques; in undertaking research drilling; in laboratory and experimental technology; and in modelling geo-processes.

VENUES

Sunday 6 September 2015 - Thursday 10 September:

1) Telegraphenberg

The Venue for the Meeting from Sunday 6 September 2015 to Thursday 10 September 2015 will be the Telegraphenberg in Potsdam. You can find more information how to get to the venue and the Campus plan at:
http://www.gfz-potsdam.de/en/centre/about-us/directions-and-locations/. During the week, the

Telegraphenberg can be reached by bus line 691 from the Central Train Station in Potsdam. On Sunday no public transport is available to the Telegraphenberg, so you can either walk (ca. 20-30 minutes from Mercure Hotel) or take a taxi (5-10 minutes).

Friday, 11 September 2015

2) WIS
On Friday 11 September 2015, the Symposium on "Coal and Organic Petrology – New Perspectives and Applications: a tribute to Marlies Teichmüller (1914-2000) will take place at the Wissenschaftsetage Bildungsforum Potsdam (WIS), „Süring" and „Volmer" Halls, Am Kanal 47, Potsdam. The venue (Google Map for WIS in Potsdam) for the symposium is close to Potsdam Central train station (10 minutes walk) and very close (7 minutes walk) to the Mercure hotel. If you want to use public transportation the station is "Platz der Einheit/Bildungsforum", Tram 93, 94 or 99.

Ice Breaker:
The Ice Breaker will take place on Sunday, 6 September 2015 from 18.00 h – 21.00 h. Venue is Building A27, Great Refractor at the Telegraphenberg in Potsdam. At 18.30 h a guided tour of the Great Refractor will take place. Please be there in time if you are interested

Registration:
Registration will take place on
• Sunday, 6 September 2015 from 17.30 h – 21.00 h prior to and during the Ice Breaker in Building A27 and on
• Monday, 7 September 2015 from 8.00 h – 10.30 h at the meeting venue in Building H.

Please note that if you have not paid your fees yet, you are requested to register on Sunday, 6 September 2015 between 17.30 h – and 18.00 h or on Monday, 7 September 2015 between 8.00h – 8.30 h.

Group Photo
Monday, 7 September 2015, 13.30 h in front of Building H.

Poster Presentations
Posters for the Symposium will be exhibited from from Monday, 7 September 2015 to Thursday, 10 September in the Foyer of Building H at Telegraphenberg. The posters can be installed on Monday, 7 September from 8.00 h to 10.30 h. The Poster Session will take place on Thursday, 10 September from 13.30 – 14.30. The size of the Poster Boards is A0, Portrait.

Conference Dinner and City Tour:
On Thursday, 10 September 2015 a City Tour will be organised for participants that have booked the Conference Dinner. After the Closing Plenary Session, these participants will be taken by bus to the Central Train Station and/or the Mercure Hotel. At 17.00 h the city tour will start from the Mercure Hotel. The tour will end at the Villa Quandt and we will walk to the Pfingstberg and visit the Belvedere. Dinner will be served at Restaurant Kades.

Field Trip

Saturday, 5 September 2015, 07.45 h

The Field Trip to the East German Lignite Mine Welzow-Süd and the Power Station 'Schwarze Pumpe' will start from the Mercure Hotel, Lange Brücke 1, 14467 Potsdam. Please be at the hotel between 7.30 h and 7.45 h as the bus will leave at 8.00 h strict. We will arrive at the open cast mine Welzow Süd at 10.00 h and will split into two groups. One group will visit the mine in the morning and the power station 'Schwarze Pumpe' in the afternoon and the second group vice versa. Please bring appropriate shoes and weatherproof clothes.

We will be back in Potsdam at around 18.00 h.

Registration

Please complete the Registration Form on the website http://www.iccop.org and submit it. Your registration will be forwarded to the ICCP Treasurer and you will receive an invoice within a few days.

Registration fee

€ 250 before March 31, 2015,
€ 280 after March 31, 2015
€ 120 Students
€ 80 Conference Dinner
€ 80 Field Trip

Microscope Sessions

Practical session facilities will be provided by Hilgers Technisches Büro, using a microscope with FOSSIL software for reflectance measurements.

Transport

Good public transportation facilities (train & bus) and taxis are available from the airport to Potsdam (http://www.vbb.de/en/index.html).

Potsdam can be reached via the two Berlin airports Tegel and Schönefeld

(http://www.berlin-airport.de/en/index.php) and also via smaller airports Leipzig (https://www.leipzig-halle-airport.de/en/) and Dresden (http://www.dresden-airport.de/homepage.html).

Directions to GFZ are detailed described at the GFZ´s website: http://www.gfz-potsdam.de/en/centre/about-us/directions/potsdam/

ACCOMMODATION

Please book the hotel of your choice in time, because September is a busy months in Potsdam.

Mercure Hotel

GFZ has made special arrangements with Mercure Hotel, Lange Brücke, Potsdam. This hotel is closest to the train station and the meeting venue. Please make your own reservations before 20 June 2015 Please refer to special GFZ rate for ICCP meeting.

Prices: Category 1: Room incl. breakfast: EUR 77 Category 2: Room incl. breakfast: EUR 104

Mercure Hotel Potsdam City
Lange Brücke 1
14467 Potsdam, Germany
Tel.: + 49 331 27 22
Fax: + 49 331 27 20 233
E-mail: Michael.Ebert@mercure-hotel-potsdam.de

Steigenberger Hotel Sanssouci

The Steigenberger Hotel Sanssouci is situated just 500 metres from the famous summer residence "Castle Sanssouci" of Frederick the Great and its lovely park grounds. Prices: EUR 100-150

There are several other hotels in Potsdam in all price ranges. Please check the internet.

CONTACT

If you have questions or need further information, please contact Petra David via email to petra.david@wintershall.com.

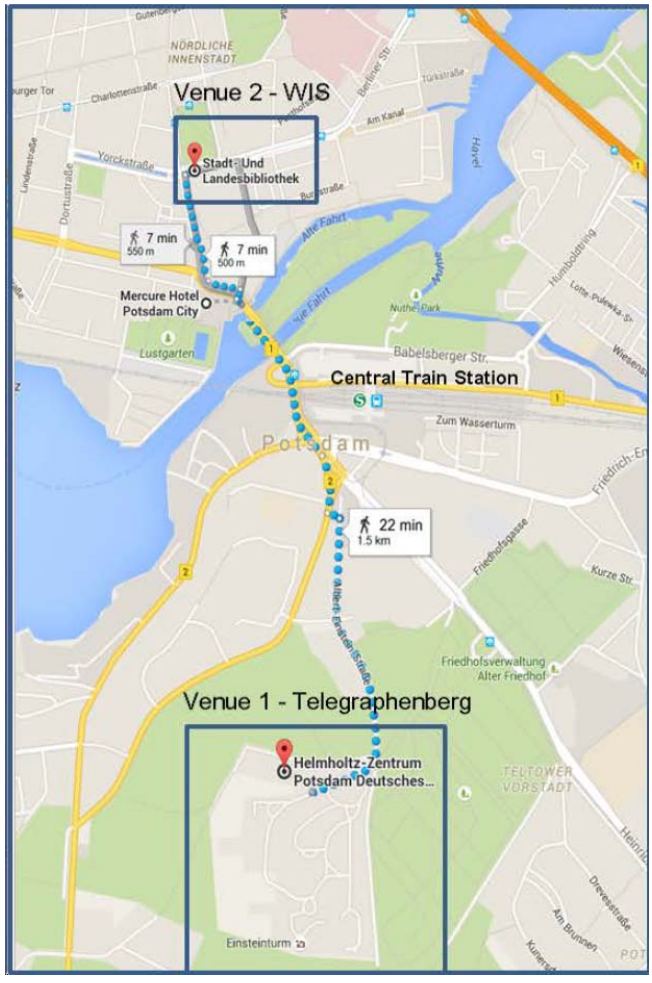
SYMPOSIUM ON "COAL AND ORGANIC PETROLOGY - NEW PERSPECTIVES AND APPLICATIONS: A TRIBUTE TO MARLIES TEICHMÜLLER (1914-2000)"

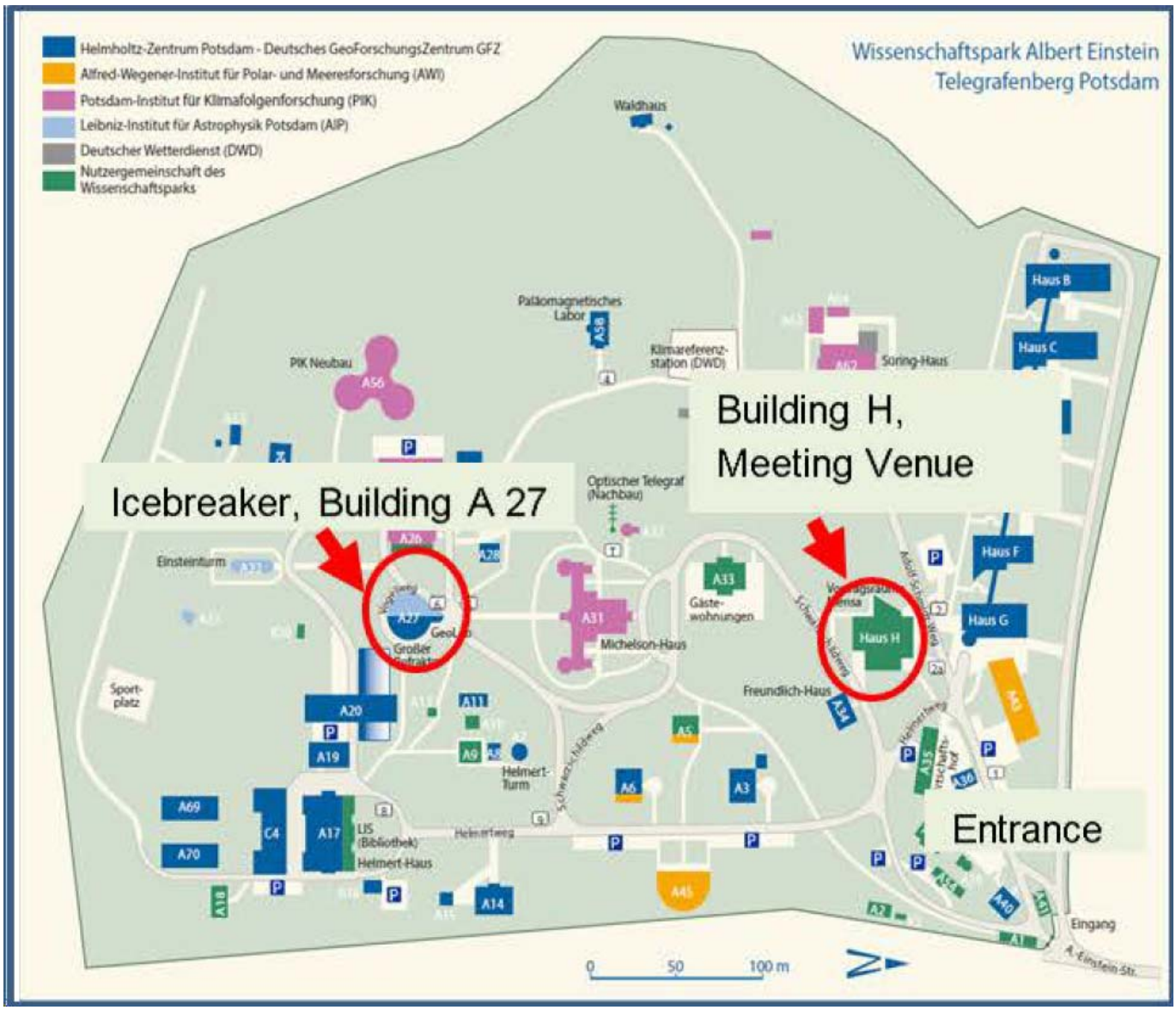
SCIENTIFIC COMMITTEE

Jolanta Kus (Chair, Federal Institute for Geosciences and Natural Resources, Hannover, Germany)
Rafael Ferreiro Mählmann (Technical University Darmstadt, Germany)
Bertrand Ligous (Eberhard Karls University Tübingen und LAOP, Lauta, Germany)
Polla Khanaqa (Kurdistan Institution for Strategic Studies and Scientific Research, Sulaymaniyah, Kurdistan)
Hans Martin Schulz (GeoForschungsZentrum, Potsdam, Germany)
Ralf Littke (RWTH Aachen, Germany)
Gerd Bieg (Haltern, Germany)
Reinhard Sachsenhofer (Montanuniversität Leoben, Austria)
Walter Pickel (Coal & Organic Petrology Services Pty Ltd, Australia)
Stavros Kalaizidis (University of Patras, Greece)

PUBLICATION OF PAPERS

The selected full papers from this year's ICCP meeting are planned to be published in a special volume of the International Journal of Coal Geology. The deadline for submission of full papers has been extended from the 31st December, 2015 to 15th March, 2016.





ICCP Training Course: Organic Petrology for Industrial Applications
1-4 September 2015
GFZ Potsdam, Germany

The International Committee for Coal and Organic Petrology (ICCP), in conjunction with Geolab, DGGV, Teichmüller Foundation and GFZ (the German Research Centre for Geosciences), is pleased to announce a training course in organic petrology to be held in Potsdam in September 2015. The course is centred on the petrology of a wide variety of coals. Practical applications and technological importance will be stressed. While a basic geological understanding will be assumed, the course is designed for those with little or no knowledge of coal. It is therefore suitable for undergraduate or post graduate students as well as established professionals who require a more thorough understanding of petrological aspects of coals.

General Outline

Theory:

- Genesis (geology and geochemistry)
- Coal Coal Composition: Lithotypes, Macerals and Microlithotypes
- Coal rank and rank parameters.
- Petrographic analyses: maceral and microlithotype analyses, vitrinite reflectance analysis and the use of fluorescence.
- Basic factors controlling quality and technological behaviour of coal.

Organic petrology applied to:
- Coal Mining and beneficiation
- Coal carbonization
- Coal combustion and co-combustion
- Coal gasification
- Coal liquefaction
- Coal derived carbon materials
- Environmental issues

Practical session on petrographic techniques:
- The use of the reflected light microscope, identification of coal components, point-counting analysis, reflectance measurements, fluorescence analysis (all by pre scanned analyses on a screen with the group) on coals of different type and rank, coal blends, residues from coal utilization

Practical session facilities will be provided by Hilgers Technisches Büro, using a microscope with FOSSIL software for reflectance measurement, documentation and training.

PRESENTERS

Dr Isabel Suárez-Ruiz, Spain
Dr Walter Pickel, Australia

COSTS

Company/Professional	€ 1300
Government/non-profit	€ 700
Student	€ 250

Cost for the course excludes travel, accommodation and meals except where stated. Costs include course notes, lunches and coffee, and course dinner.

Course language is English. Space is limited and will be on a first come basis. A detailed course outline will become available in June 2015. If you want to register for the course, please use the online registration from. After registration, you will receive a confirmation and an invoice from the ICCP treasurer Jen Pearson.

VENUE

The training is given at Building A27/ Big Refractor, Geolab at the Telegraphenberg in Potsdam

ACCOMMODATION

Please book the hotel of your choice in time, because September is a busy months in Potsdam.

Mercure Hotel

GFZ has made special arrangements with Mercure Hotel, Lange Brücke, Potsdam. This hotel is closest to the train station and the meeting venue. Please make your own reservations before 20 June 2015. Please refer to special GFZ rate for ICCP training course.

Prices: Room incl. breakfast: € 77
Mercure Hotel Potsdam City
Lange Brücke 1
14467 Potsdam,
Germany
Tel.: + 49 331 27 22
Fax: + 49 331 27 20 233
E-mail: Michael.Ebert@mercure-hotel-potsdam.de

FIELD TRIP

A field trip will be organised to the East German Lignite Mines on Saturday, 5 September 2015 together with participants of the 67th ICCP meeting. More detailed information will become available in March 2015. The costs for the field trip are € 80. Costs include travel, field trip guide, lunch and beverages. Please indicate on the registration form if you wish to participate in the field trip.

The Atlas of Fly Ash Occurrences: Identification and Petrographic Classification of Fly Ash Components

will be uploaded into the ICCP website the 31st August, 2015.

Edited by: Isabel Suárez-Ruiz and Bruno Valentim

The Atlas was developed within the framework of ICCP activities and sponsored by:
- Integrated Actions. Spain-Portugal. Reference Project: Ref: PT2009-0122. Ministerio de Ciencia e Innovacion. Spanish Government. Spain.
- Programa de Acções Universitárias Integradas Luso-Espanholas 2010/2011: Ref. E-65/10. Conselho de Reitores das Universidades Portuguesas - CRUP. Portugal.

ISBN: 978-84-608-1416-0

Membership Matters

please keep your email contact current - or you will miss out on important information

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DEADLINE FOR NEXT ICCP NEWS : 30TH OCTOBER 2015

Welcome to ICCP

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Since 2011, Telma Giudice has been employed at Vale S.A. Belo Horizonte, Brazil as a coal and coke petrographer. She develops research projects on coal and assists teams of researchers on the evaluation of coal quality, mixture of coals, blast furnace coke, foundry coke and a variety of carbonaceous materials. She is currently undertaking a Masters Degree in Materials Engineering at PUC/RJ and UFMG

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For his PhD, Dr Holstein investigated the palynology of the Rhaetian Koessen Beds, Northern Calcareous Alps (Austria). His current employment as a geologist in the oil industry covers a large range of stratigraphic sequences, such as Quaternary sediments in the Caspian area, Tertiary of Egypt, Poland, North Sea, Cretaceous and Jurassic at Northern Germany, Carboniferous North Sea. His main interests lie in palynostratigraphy, kerogen analysis & palynofacies, maturity assessment (SCI colour / TAI & vitrinite reflectance) and geochemical analysis.

Mr Attila **Király** (A1, 2, 3)
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Attila Király is currently studying for a PhD using techniques such as vitrinite - reflectance measurement, Raman spectroscopy, Rock - Eval pyrolysis, reservoir modelling and geostatistics. He already has an MSc from the University of Szeged in Raman Spectroscopy of organic matter at the catagenesis stage.

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Dr Popa is an Associate Professor at the University of Bucharest, where he is Director of the Research Center for Coal Geology and Environmental Protection. He has an extensive academic record, including a Fullbright Scholarship and publication of 4 books, 2 book chapters and numerous refereed journal articles and conference abstracts. He is on the editorial board of five journals. His main research interests are in the areas of palynolgy and palaeobotany and contributes extensively in the areas of palaeoecology, stratigraphy and geological heritage.

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Ms Raji obtained a Geology BSc at University of Portsmouth and an MSc in Applied Petroleum Geosciences at the University of Derby. She is currently in her 2nd year as PhD candidate at the University of Durham. During her MSc she studied organic matter in the Carboniferous (Dinantian) of the Widmerpool Trough of the Bowland Basin, comparing the organic data with well logs to challenge conventional assumptions about the depositional environments of these commercially significant shales. At Durham, she is studying the unconventional potential of the offshore Kimmeridge Clay Formation in the main grabens of the North Sea. In this study she is attempting to develop novel methods of physically isolating maceral fractions for gross characterisation using optical microscopy and detailed analysis by both micro-porosity (SEM-BIB) and adsorbed gas and liquids (S1-Py-GC).

Prof. Prakash Kumar **Singh** (A1, 3)
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Prof. Dr Singh specializes in coal characterization, petroleum source rock characterization and organic maturation including hydrocarbon generation, coal-forming depositional environments and coal utilization, coal upgradation (desulfurization, demineralization, detoxification/removal of toxic trace elements from coal) using geo-biological tools. He is the recipient of the prestigious Dr. H. S. Pareek Award given by Geological Society of India and has over 60 articles in internationally refereed journals and contributes popular articles to many publications.

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Bree completed her MSc in Geology at the University of Regina, studying Organic petrology and organic facies of the Bakken Formation of southeastern Saskatchewan in 2014. She is employed with Shell in the Organic petrology lab, Calgary, Alberta, and as part of Shell's Global Solution Integrated Charge Evaluation team. Currently, she is working on global thermal maturation and organic facies projects, under the supervision of Dr. Vern Stasiuk.

In Memoriam

Prodromos (Makis) Antoniadis

It is with great sadness that we announce the passing of Prodromos (Makis) Antoniadis on January 17, 2015.

Makis was born in Kerasia/Edessa, northern Greece. He graduated in 1969 from the Faculty of Earth Sciences, University of Munich, Germany. From 1970 to 1973, he was employed as a Research Assistant in projects funded by the German Research Foundation. In 1975, he obtained his PhD in Geology from the same Faculty. After completing his military service, Makis worked from 1976 until 1982 as a Geologist in private companies in Greece dealing particularly with lignite mining. In 1982, he started his academic career at the School of Mining Engineering and Metallurgy, National Technical University of Athens (NTUA), firstly as Research Assistant, later as Lecturer, Assistant, and Associate Professor. In 2005 he was elected full Professor at the above Department focusing his research on the geology of solid fuels. After his retirement in 2009, he was awarded the title of Professor emeritus. Unfortunately, a car accident in 2012 changed his life dramatically.

Makis carried out extensive geological studies in several lignite deposits in Greece. He established the Coal Petrography laboratory at the NTUA and, for many years, dedicated his research to the petrographic aspects and palaeobotanical features of the Greek xylite-rich lignite deposits. During his academic career he also created a unique collection of seeds and fruits from various Greek lignite deposits that now is available for study at the School of Mining and Metallurgical Engineering at the NTUA. In addition, he wrote three books in the Greek language and numerous papers published in international peer-reviewed journals. He joined the ICCP in 2001 and, since then, attended many annual meetings.

But beyond the scientific activity, Makis was adept at music, particularly jazz and classical music. In the last two years of his life, and despite the severe health problems he faced, he managed to write more than 190 songs, 150 of which have been published in two booklets. A capable conversationalist, interested in political developments locally and globally, he could carry discussions for long periods of time over a glass of good wine. His friends will never forget his excellent personality and mild manners, his smiling face, and his willingness to assist people when asked.

Kimon Christanis

In Passing

Prof. Dr. Victor Hevia Rodriguez passed away on Tuesday, Aust 4, 2015. Victor Hevia was the founder of the Organic Petrography Laboratory at the INCAR-CSIC in Spain. He also was one of the first members of the ICCP. His last ICCP meeting was in Oviedo in 2008

1st Meeting of South African Coal Petrographers

L-R: Patience Mavhengere (Wits), Jill Richards (Exxaro); Nandi Malumbazo (CGS); Vongani Chabalala (SABS); Grethe Naude (Exxaro); Manneka Mosisili (bhpbilliton); Maseda Mphaphuli (UJ); Willem Swanepoel (Bureau Veritas); Ndivhuho Nendouvhada (UJ); Nikki Wagner (UJ).

Globally, South Africa represents a significant number of active coal petrographers. Last year it was established that there are currently 15 (or more) active coal petrographers in the Gauteng Province (South Africa), from 9 different organisations spanning industry, parastatal organisations, and academia; this excludes students from a number of universities undertaking related projects or training in coal and carbon petrography (not considered to be active coal petrographers at this stage). In May, the 1st meeting of active South African coal petrographers took place at the Geology Department, University of Johannesburg. The main purpose of this inaugural meeting was to network and establish contacts with other active South African coal petrographers, discuss the different systems in use, raise awareness about areas of speciality / focus, and to determine requirements for future meetings. Eight coal petrographers and 2 MSc students representing 7 different organisations (pictured above) where in attendance, with apologies received from the others (including Sasol and Petrographics SA).

It was determined that the majority of attendees are accredited by the International Committee for Coal and Organic Petrology (ICCP) in terms of maceral and vitrinite reflectance analysis (SCAP); in addition, 2 petrographers have received accreditation in vitrinite reflectance of dispersed organic matter (DOMVr), and 3 petrographers have recently submitted results for the coal blend accreditation program (BCAP). The ICCP accreditation is extremely important for petrographers to benchmark themselves globally, and to ensure that their equipment is working correctly. In order to address more local issues, 3 coal samples were distributed at the meeting to form a South African round robin exercise on macerals and vitrinite reflectance (maximum and mean). A discussion about the ICCP produced a number of requests to be tabled at the annual ICCP meeting, including the request for another petrographic training course to occur in South Africa (specifically on DOM).

It was established that all petrographers in the region make use of either a Zeiss or a Leica microscope system (or both in some organisations), fitted with the Hilgers Fossil system for vitrinite reflectance (UJ, CGS, Bureau Veritas, Sasol), or the J&M Spectrolytic system for vitrinite reflectance (Exxaro, Sasol, Wits); SABS still uses the Zeiss Universal photomultiplier system at this stage, and bhpbilliton Metalloys have an automated system acquired from England for reflectance determination.

Looking forward, all in attendance agreed that the demand for coal and carbon petrography will remain an on-going requirement in South Africa, assisting the export and local coal industries to work towards sustainable and cleaner solutions for energy supply, and alternative uses for coal. The shale gas industry is under developed in the region, and petrographers able to work in this specialised field are in short supply, as are palynologists. Coke petrography remains very important

for some organisations. Annual meetings will be scheduled going forward, with specialist working group meetings taking place during the year for further discussion and training activities. Presentations will be welcomed at future meetings.

Anyone wishing to obtain further information or participate in future petrographic events, please contact Dr Nikki Wagner (nwagner@uj.ac.za). We would welcome feedback from other people active in, or interested in, the field of coal petrography in southern Africa.

Proposal to establish new ICCP working group in Commission II: Applications of Confocal Laser Scanning Microscopy (CLSM) to Organic Petrology

Confocal laser scanning microscopy (CLSM) has been applied to the petrology of sedimentary organic matter since the late 1990s (e.g., Wang et al., 1997; Stasiuk, 1999a,b; Stasiuk et al.,1998; Stasiuk and Sanei, 2001; Liu and Xiao,1991; Stasiuk and Fowler, 2004; Xiao et al., 2002; Munoz and Mikula, 2002; Bourdet et al., 2010; Hongwei et al., 2010; Kuili et al., 1999; Kus et al., 2012; Kus, 2015). Primary applications include non-destructive 2-D and 3-D imaging at high resolution. Fluorescence spectroscopy using CLSM has also been applied as a thermal maturity parameter and shows strong agreement with results from conventional fluorescence microscopy (Hackley et al., 2013; Hackley and Kus, 2015). These studies suggest qualitative and quantitative application of CLSM may have broad and underutilized potential within the field of coal and organic petrology. Here, we suggest that ICCP should consider establishment of a new working group (WG) within Commission II (Geological Applications of Organic Petrology) to study how CLSM may be applied to tackle specific needs to support the development of new methods in the ICCP.

A proposal to establish this new working group will be presented at the ICCP Commission II meeting in Potsdam in September 2015. If approved, this new working group will be open to all persons interested in studying application of CLSM to organic petrology. Interested parties are encouraged to contact Paul Hackley (phackley@usgs.gov) and Jolanta Kus (j.kus@bgr.de).

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ICCP Services

Accreditation Programs

- **Maceral Group Analysis of Coals**
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- **Vitrinite Reflectance of Coals**
  convenor: Dr Kimon Christanis

- **Coal Blend Analysis**
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- **Vitrinite Reflectance of Dispersed Organic Matter**
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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

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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). More information as to the criteria considered for each award can be found on page 9 of ICCP News 61.

Thiessen Medal

This is the highest award offered by ICCP. It recognises 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.

For details of procedures and nominations, contact:

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mailto:angeles@incar.csic.es

Please contact the General Secretary as indicated above.

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 as well as the most recent awardees. Eventually, the award committee will consist of the five most recent recipients. Contact:

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Answer to Know Your Coal Petrologist #56

As this is the last edition of ICCP News I will be editing, I hope I can be forgiven for some small indulgences. Despite the years, Claus's booming Prussian voice ***"Vhat you do not know!!!!"*** can still be heard ringing in my ears. And whatever it was I did not know then, it is likely that I still do not know now. It will come as little surprise that I have implicated myself in this photo - younger and definitely much thinner (blue jacket on the left). The last hurrah is being given by fellow student of Claus's and still current ICCP member, Beth McHugh.

My indulgences follow. It is an odd mix of times of my editorship as space permits. Nikki will now have the responsibility to protect the innocent from the ravages of KYCP - and yes, I have many more of these in reserve.

Porto 1998

Bucharest 1999

Rio 2000 - Lopo Vasconcelos (L), Deolinda Flores, Ricky Pinheiro, Zuleika Carretta Correa da Silva, Cristina Rodrigues (R)

Rio 2000 - Dave Pearson (L), Walter Pickel, Jen Pearson, Peter Crosdale (R)

Copenhagen 2001 - Petra David (L), Diego Álvarez and Rudi Schwab (R)

Nestor

Utrecht 2003 - Stavros with a large number of ladies and Kimon to look after him

Utrecht 2003 - Alan Cook with a large number of ladies and Kimon to look after him

Patras 2005 - editor's report

2007 Victoria

India 2014 - Happy Birthday Stavros: Peter Crosdale (L), Angeles Borrego, Joan Esterle, Walter Pickel, Petra David, Stavros Kalaitzidis, Niraj Kumar Shukla, Krystyna Tokarska

WHAT'S HAPPENING

1 - 4 September 2015
ICCP Course, Potsdam, Germany.
http://www.iccop.org
mailto:petra.david@wintershall.com

5 - 11 September 2015
67th ICCP Meeting, Potsdam, Germany.
http://www.iccop.org
mailto:petra.david@wintershall.com

20 - 23 September 2015
32nd TSOP Meeting, Yogyakarta, Indonesia.
http://tsop2015.ugm.ac.id
http://www.tsop.org

11 - 15 April 2016
18th International Conference & Exhibition on Liquefied Natural Gas
Perth, Australia
http://www.lng18.org/

September 2016
ICCP - TSOP Joint Meeting, Houston Tx, USA
http://www.iccop.org
http://www.tsop.org

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

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

If undeliverable return to :
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PO Box 54, Coorparoo, Qld 4151 AUSTRALIA