



Founded 1953

ICCP

<http://www.iccop.org>

On Line ISSN 1445-4858

News

No 56 April 2013

The 64th ICCP Annual Meeting, Sept. 15–19, 2012, Beijing



First row (From left to right): João Graciano Mendonça Filho, Atsuo Aihara, Barbara Bielowicz, Małgorzata Piechaczek, Iwona Jelonek, Krystyna Kruszewska, Suiping Peng, Angeles G. Borrego, Petra David, Polla Azad Abdulla Khanaqa, S. P. Ranasinghe (Paddy), Isabel Suárez-Ruiz, Lopo Vasconcelos, Kuili Jin

Second row (From left to right): Jieqing Tan, Paula Alexandra Sá da Silva Gonçalves, Joana Paula Machado Ribeiro, Sandra Mónica Paulo Rodrigues, Marcin Bielowicz, Krystyna Tokarska, Deolinda Maria dos Santos Flores Marcelo da Fonseca, Stavros Kalaitzidis, Paul C. Hackley, Judith Potter, Peter John Crosdale, Irena Kostova-Dineva, Lauren Johnson, Shifeng Dai

Third row (From left to right): Meifen Li, Xia Li, Ralph Delzepich, Walter Pickel, Dirk Prinz, Harald Behl, Rudolf Schwab, Antonis Bouzinos, Lei Zhao, Gülbin Gürdal, Lila W. Gurba, Magdalena Misz-Kennan, Yaofa Jiang, Cunliang Zhao

Fourth row (From left to right): Yanan Guo, Xiujie Deng, Long Jia, Fuzhou Liu, Johan Joubert, Jian Kang, Dao Zhou, Weiwei Li, Fangui Zeng, Qiaojing Zhao, Beilei Sun, Yuegang Tang, Shoucheng Han

Fifth row (From left to right): Xianxu Hou, Wei Cheng, Peipei Wang, Yichuan Wang, Zhiwei Wang, Xin Guo, Weijiao Song, Licai Zheng, Xiao Li, Lixin Zhao, Xukun Lu, Xin He, Yangbing Luo, Thomas Gentzis, Henrik I. Petersen, Shaoqing Wang, Xiaolei Yu

inside 3 ed. / pres. / gen. sec. 39 iccp training course Potsdam
5 Beijing meeting 43 65th meeting Sosnowiec
this 11 commission minutes 48 registration form for Poland
issue 34 organic petrology award 49 membership matters

Council of the International Committee for Coal and Organic Petrology (ICCP)

President (2007 - 2015)

Dr Petra David
Wintershall Holding GmbH
Friedrich-Ebert-Straße 160
34119 Kassel
GERMANY
Tel. +49 561 301-2711
Fax +49 561 301-1892
mailto: petra.david@wintershall.com



Commission II Chair
(2012 - 2016)
Mr Paul Hackley
mailto:phackley@usgs.gov



Commission II Secretary
(2012 - 2016)
Jolanta Kus
mailto:j.kus@bgr.de



Vice-president
(2011-2015)
Dr. Henrik Ingermann
Petersen
mailto:hip@geus.dk



General Secretary
(2008 - 2016)
Dr M. Ángeles
Gómez Borrego
mailto:angeles@incar.csic.es



Commission III Chair
(2007 - 2015)
Dr Isabel Suárez-Ruiz
mailto:isruiz@incar.csic.es



Commission III Secretary
(2012 - 2016)
Dr Magdalen Misz-Kennan
mailto:magdalen.misz@us.edu.pl



Treasurer
(2007 - 2015)
Ms Jennifer Pearson
mailto:jen@coalpetrography.com



Editor
(2000 - 2016)
Dr Peter J. Crosdale
mailto:peter.crosdale@energyrc.com.au



Commission I Chair
(2008 - 2016)
Dr Deolinda Flores
mailto:dflores@fc.up.pt



Commission I Secretary
(2008 - 2016)
Dr Stavros Kalaitzidis
mailto:stavros@integralrc.com

Past President

Dr. Alan C. Cook deceased

Returning Officer

Dr rudi Schwab mailto:rudi.schwab@btinternet.com

Reinhardt Thiessen Award Committee

Contact General Secretary mailto:angeles@incar.csic.es

Organic Petrology Award Committee

Contact General Secretary mailto:angeles@incar.csic.es

Webmaster (<http://www.iccop.org>)

Dirk Prinz mailto:prinz@lek.rwth-aachen.de

Archives

Faculdade de Ciências, Universidade do Porto

Dr Deolinda Flores mailto:dflores@fc.up.pt

Membership Enquiries

Dr. Ángeles Gómez Borrego
Instituto Nacional del Carbón, CSIC
Apartado 73
33080 Oviedo
SPAIN

Ph. +34-98-511 9090 Fax +34-98-529 7662

Email : mailto:angeles@incar.csic.es

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

From the Editor

Another very late newsletter for which I can only offer my apologies - especially to the organisers of the Sosnowiec meeting and of the next training course in Potsdam. I still hope that many members will be able to actively contribute to these activities.

You will have noticed changes to the Council line up. It is much regret that we have lost Carla and Georgeta from the Council. Their hard work on behalf of ICCP over many years is truly appreciated by all. I cannot say enough by way of thanks to both these people for their outstanding contributions.

However, as I have observed in the past, renewal is necessary to keep vigour in any organisation and it is with great pleasure that Jolanta and Magda are now welcomed as part of Council. I am sure that they will contribute just as strongly as Carla and Georgeta did.

For those unable to attend the Beijing meeting, I trust that you will find the minutes of the meeting both informative and interesting. There is a great deal of activity in the ICCP Working Groups and I encourage you all to contact convenors and participate wherever possible. The success of activities depends upon it.

See you all in Poland!

Peter

From the President

Dear colleagues,

Again the ICCP News is issued somewhat late and I ask you to accept apologies for this delay. I hope that you will enjoy the information from the last years meeting in Beijing.

Spring has started (although weather in Europe is still more like winter) and we look forward to the next ICCP training course in organic petrology to be held at GFZ's GeoLab in Potsdam in June. The event is a joint venture, initiated and endorsed by the International Committee for Coal and Organic Petrology (ICCP), German Geological Society (DGG), German Research Centre for Geosciences (GFZ), and the Rolf & Marlies Teichmüller Foundation. Again Carl Hilgers will provide microscopic-technical assistance (Hilgers Technisches Buero, Koenigswinter - <http://www.hilgers.com/>). The course will be given by Walter Pickel and Claus Diessel. You can find information on the content and registration of the course at <http://www.iccop.org/index.php?id=146>. There are still places available and please inform students and scientist about this opportunity.

Our next meeting will take place in August in Sosnowiec, Poland (<http://prac.us.edu.pl/~iccop-tsop-2013/>). The invitations have been sent and the registration has started. The meeting is again associated with the TSOP meeting. More information on the detailed agenda will be provided later this year.

Best regards

Petra David

ICCP President

From the General Secretary

This year we have received as ICCP member a formal invitation from the organizer of the forthcoming meeting in Sosnowiec. This has been the use for many years in which every ICCP member was receiving a personalized invitation to attend the meeting. I missed to arrange this in 2012 and I would like to apologize with Barbara

Institutional Members of ICCP



<http://www.tatasteel.com>

Dr P.K. Banerjee / Dr A.K. Singh
Research & Development Division
The Tata Iron & Steel Company Limited
Jamshedpur - 831 007
India
pkbanerjee@tatasteel.com / alokk.singh@tatasteel.com

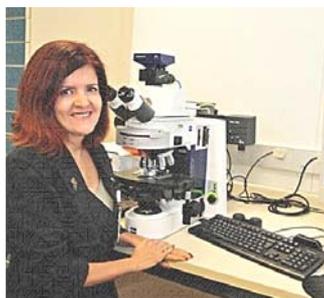
Kwiecińska, who called my attention to this issue. I am conscious that some ICCP members miss the times in which a more personalized contact was achieved although not as fast as the one we are able to have nowadays using new technologies. I will try to take care of this issue in the new turn as General Secretary starting at the end of Beijing meeting.

As you will see in this newsletter, 10 new members entered the ICCP last year. This indicates that there is interest in the discipline and in the organization. There is easier to get involved in the working groups if you attend the meetings and listen to the reports, but if you are new in the organization, please visit the website and contact the convenors. There is a working group for every need in the organic petrology world and if you do not have solved your problems, at least you will get in contact with experienced people in the field and with members facing similar problems. The work in the working groups of the Commissions has been always the core of the ICCP activities. If you are joining the Organization do not forget that we expect you to contribute and you are welcomed to do so.

Best wishes

Angeles G. Borrego
ICCP General Secretary

Letter from Carla Araujo



Dear Colleagues of ICCP and Commission II Members,

In September of 2012 my activities as the Chair of Commission II were concluded - Paul Hackley will hold this

position from now on.

For five years I have learned a lot acting as Secretary and Chair of this Commission. Thanks to a partnership, quickly established with the elected secretary Paul Hackley, work as a team - within Commission II - made this task much easier for me. Besides this, the very active participation and commitment of Working Group Convenors, as well as enthusiastic participation of volunteers in the exercises proposed made this job far more

interesting that I ever could have imagined.

I take this opportunity to thank all Convenors and Members of Commission II for their effective participation and for the great achievements realized as a group.

I wish Paul and Jolanta much success in conducting the work of Commission II and I am sure that the traditionally active Convenors and Members of this Commission will continue to provide their valuable and fruitful collaboration to ICCP.

To the friends made in this journey I send all my best wishes.

All the best,
Carla

Know Your Coal Petrologist #49



This unlikely group of five are enjoying a well earned rest after an arduous climb of 1500 m above the valley floor - lucky they went by bus! Answer page 51.

Know Your Coal Petrologist #50



If you were in Beijing you would be sure to know who these two suspects are. Answer page 51.

Minutes of the 64th ICCP Meeting Beijing, P.R. China September 15th – 24th, 2012

Hosted by State Key Laboratory of Coal Resources
China University of Mining & Technology (Beijing)

GENERAL COURSE OF THE MEETING

The 64th meeting of the ICCP took place in Beijing (China) from 14th to 19th September 2012 in connection with the 29th annual meeting of TSOP. The executive chairs of the organizing committee were Prof. Shifeng Dai and Prof. Kuili Jin who were accompanied in the organizing tasks by Prof. Jianyong Qiao and Prof. Suping Peng as chairs and Wenxue Zhang, Yaodong Jiang, Yucheng Chai, Jinxing Dai, Tieguan Wang, Yupeng Yao, Yu Liu, Yong Qin, Yuzhuang Sun, Mingquan Zhang, Dahua Li, Yuegang Tang, Hongmei Wang, Jian Li, Ningning Zhong, Zhijun Jin, Wenhui Liu, Shaoqing Wang and Xibo Wang who made every effort to please our wishes. The meeting was hosted by the State Key Laboratory of Coal Resources of the China University of Mining & Technology, and we met at Xijiao Hotel placed in an area where accommodation and venue facilities are close to each other.

Activities started on Friday afternoon with a Council Meeting at 15:00. The schedule was different to typical ones for ICCP Meetings in order to accommodate a three day excursion and the subsequent of the TSOP Meeting. Sessions started on Saturday morning with the welcome words of the Chair of the organizing committee and the acknowledging words of the ICCP President, and was followed by a group photo at the entrance of the building. The first Plenary Session opened with the President Petra David in the Chair. A preliminary schedule for the meetings of the General Assembly of the ICCP in Plenary session was published in the ICCP News #55. The schedule was slightly modified. The schedule for the Meetings of the General Assembly in the 64th ICCP Meeting was as follows:

1. Apologies for Non-attendance
2. Minutes of Previous Meeting
3. Arrangements for Beijing Meeting
4. Future Meetings

5. Membership
6. Elections (short, only vacant positions)
7. Editor's Report
8. Financial matters
9. ICCP Accreditation program
10. ICCP Training Activities
11. Registration of the ICCP and Revision of Statutes
12. Webpage
13. Report from the Commission Meetings
14. Report from the Council Meetings
15. Organic Petrology Award
16. Arrangements for 2013 Meeting

1. APOLOGIES AND OTHER ATTENDANCE MATTERS

Harold Smith (UK), Alan Davis (USA), Jennifer Pearson (CA), Carla Araujo (BR), Georgetta Predeanu (RO), Rosa Menéndez (ES), Diego Álvarez (ES), Javier G. Prado (ES), Wolfgang Kalkreuth (BR), Olga Patricia Gómez López (CO), Cornelia Panaitescu (RO), Joan Esterle (AU), Bruno Valentim (PO), Manuela Marquez (PO), Dave Pearson (CA), Ivana Sýkorová (CZ), Jolanta Kus (DE), Costel Nedelcu (RO), Noe Piedad Sánchez (MX), Angelika Vieth (DE), Maria Hamor Vidó (HU), Kimon Christanis (GR), Georgos Siavalas (GR), Slawka Pusz (PO), Kees Kommeren (NL), Barbara Kwiecińska (PO), Heike Liszio (DE), Yoshi Uijie (JP), Nikki Wagner (SA)

As the Chair of Commission II was unable to attend the Meeting Paul Hackley, who should start his turn as chair of Commission II at the end of Beijing Meeting was the acting chair and Henrik I. Petersen was appointed as acting Secretary. Magda Misz-Kennan was acting Secretary of Commission III in the absence of Georgetta Predeanu.

2. MINUTES OF THE PORTO MEETING

The President asked the Plenary Session for confirmation of the minutes of the 63rd ICCP Meeting held in Porto, Portugal, as published in the ICCP News #54, which was approved as an accurate record of the meeting.

3. ARRANGEMENTS FOR THE BEIJING MEETING

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

4. FUTURE MEETINGS

2013 – Sosnowiec, Poland

The 65th ICCP Meeting will be held in Sosnowiec, Poland from 25th August to 1st September 2013. It will be a meeting organized in connection with TSOP, having a common field trip and separate time for the respective sessions.

2014 – Invitation to India

The invitation received to hold the 66th ICCP Meeting in Kolkata, India in September was approved by the General Assembly following Council recommendation. The meeting will be hosted by the Central Inst. of Mining & Fuel Research, CSIR National Laboratories being organized by Dr. Ashok K. Singh.

2015 - Tete, Mozambique

The 67th ICCP Meeting will be held in Mozambique. Further information will be provided in the forthcoming years.

5. MEMBERSHIP MATTERS

Nine applications for Associate membership had been received during the year and one additional application was received during the meeting. All applications were recommended for acceptance and have been approved by the General Assembly.

5.1 Associate membership

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

Dr Mamta Sharma (A1, 2, 3) India. (Introduced in ICCP News #54)

Mr Dionisio Luis García (A1) Spain (Introduced in ICCP News #54)

Mr Genaro de la Rosa (A1, 2, 3) Mexico (Introduced in ICCP News #54)

Ms Jacquelyn (Jackie) Holt (A1, 2, 3) USA (Introduced in ICCP News #54)

MSc. Tatiana Juliao (A2) Colombia (Introduced in ICCP News #54)

Dr Gareth Cooper (A2) Australia (Introduced in ICCP News #55)

Mrs Maria Doina Ghiran (A2, 3) Romania (Introduced in ICCP News #55)

Prof. Dr Tang Yuegang (A3) China (to be introduced)

Mr. Peter Handley (A1, 2, 3) Australia (to be introduced)

Dr. Polla Khanaqa (A1, 2, 3) Iraq (to be introduced)

A short introduction of the new associate members based on their applications and CVs was given to the audience. Seven of the new members have already been introduced to the membership in previous ICCP Newsletters, as indicated in the list above. A summary of the remaining profiles is given in Appendix 3.

5.2 Honorary Membership

Prof. Dr. Krystyna Kruszewska was awarded with Honorary Membership of the ICCP during the Meeting in Porto but she was not able to attend that Meeting and her profile was presented again to the audience, as she attended the Beijing Meeting.

5.3 Resignations

Four resignations occurred during the year.

5.4 Expiring Membership

Five members have lost their membership during the year 2012 (last year paid 2009).

5.5 Other Losses

Three long standing members of the ICCP passed away since the last Meeting in Porto. Shortly after the meeting we lost *Dr. Alan C. Cook* having made an enormous contribution to the ICCP in many

aspects, for mentioning some few in the Presidency, in the Accreditation Programs, in the formal registration of the ICCP as association and in the Training Activities. A warm note in his memory was prepared by the Editor (ICCP News #54). **Marko Ercegovic** left us in February 2012. He had been a member of the ICCP for many years and many members had the chance to get closer to him during the Belgrade Meeting that he organized in 2010. His biographical profile can be found in the ICCP News #54. Shortly before the meeting **Alan J. R. Bennett** passed away. A brief note was provided in the ICCP News #55. One minute of silence was held in their memories.

6. ELECTIONS

Elections for Secretary of Commission III were expected to occur in 2012. The candidates were Johan Joubert, Magdalena Misz-Kennan and Cristina Rodrigues. Nevertheless Cristina and Johan indicated during the years their impossibility to stand as candidates and Magdalena Misz-Kennan was the elected as secretary of Commission III.

The position of the Editor was confirmed at last year meeting, pending final acceptance because the Editor was not present. He has accepted to continue for an additional turn.

The Council positions of the ICCP have been renovated in the last couple of years. New nominations will be due in 2014.

7. EDITORS' REPORT

The Editor presented a summary of the 2011-2012 report which is shown in Appendix 5. Members and in particular conveners of the working groups are encouraged to provide progress reports and contribute further to the ICCP News.

8. FINANCIAL MATTERS

The Honorary Treasurer was not present at the meeting and Peter Crosdale presented the report of the 2011-12 economic affairs on her behalf. The report is shown as Appendix 4. Accounts are in good shape.

9. ACCREDITATION

Deolinda Flores as chair of the Accreditation Subcommittee presented an overview of the Accreditation activities in the year 2012. At the time of the meeting the 2009-2010 Accreditation Round was finally closed after the delays experienced by DOMVR and CBAP programs. The continuation of the accreditation activities without Alan C. Cook input has been particularly difficult. At the time of the meeting the 2012-2013 round was already initiated for SCAP.

The Accreditation Sub-committee met during the meeting after the daily sessions and was attended by the organizers of the two of the Accreditation Programs: Angeles G. Borrego for the DOMVR and Isabel Suárez-Ruiz for the CBAP; the Accreditation Subcommittee: Deolinda Flores-Chair and representative from Commission I, Paul Hackley-representative from Commission II, Magdalena Misz-Kennan-representative from Commission III and the President-Petra David.

During the year Kees Kommeren, who has been acting as external expert in the Accreditation Subcommittee indicated his wish to leave the position due to his slow decrease in organic petrology related activities. He has been the external expert since the beginning of the activities of the Accreditation Subcommittee and is gratefully thanked for his contribution. Paddy Ranasinghe, who is involved in the development of the accreditation database has accepted to take over this position in future. The discussion focussed on how to improve the Accreditation activities, in particular those related with on-line registration, automatic data treatment and finding appropriate samples for the exercises.

10. ICCP TRAINING ACTIVITIES

Henrik I. Petersen, coordinator of the ICCP training activities, presented the main developments during the year regarding the training activities of the ICCP. Since the last meeting in Porto a training course took place in Brisbane, Australia (31st July-3rd August). A comprehensive report was presented to the audience including the input from the participants. The discussion focussed on celebration of future courses and the issues on which the ICCP

courses should focus. It appears that despite requests from time to time for more specifically oriented courses integrating different disciplines, the courses of the ICCP should focus on organic petrology. There is also a huge amount of training material available which may deserve some editing in order to prepare a more permanent short notes with higher quality figures. An invitation to hold a course during 2013 in Potsdam was received and accepted. The course will be held in June.

11. REGISTRATION OF ICCP AND REVISION OF THE STATUTES

No major advances occurred during the year regarding registration of the ICCP as a society in Canada. The main requirements were published in the ICCP News #54-pg. 8. During the year a draft of the statutes will be prepared considering the comments received for modifications of the actual statutes (ICCP News #34 from 2005) and meeting the requirements of the Canadian Law. The draft is expected to be discussed during the next meeting.

12. WEBSITE

This issue was dealt with at the closing plenary session of the General Assembly of the ICCP in which Ralph Delzepich presented the new layout of the ICCP Webpage. The layout is simpler and accord with new trends in webpage layouts. During the Meeting he was working with Johan Joubert in the development of the ICCP images database and the layout was presented to the audience.

Huge possibilities of development can be envisaged with the tools implemented for the image database. Other advances comprise on-line registration for Membership and ICCP Accreditation Programs and courses, counters for the visits to different sub-pages and download material, printable version of the ICCP directory, possibility of submitting a message to ICCP membership with whatever information required, etc.. The new layout for the ICCP webpage was approved by the General Assembly.

13. REPORT FROM THE COMMISSION MEETINGS

Reports of the meetings of the Commissions were presented during the Closing Plenary Session on Tuesday, 18th September by Deolinda Flores (Chair of Commission I), Paul Hackley (acting Chair of Commission II) and Isabel Suarez Ruiz (Chair of Commission III). The minutes of the Commissions are presented in Appendix 1.

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

14. REPORT FROM THE COUNCIL MEETINGS

The minutes of the Council Meetings comprising the resolutions which were adopted at the Meeting are given as Appendix 5. Most of the issues discussed were presented to the General Assembly in their respective topics.

15. ORGANIC PETROLOGY AWARD

A recommendation for the Organic Petrology Award has been received from Alan Davis for the 2012 meeting. The Organic petrology Medal has been awarded to Dr. João Graciano Mendonça Filho. Petra David read the laudation. Both the laudation and the response can be found as Appendix 7.

16. ARRANGEMENTS FOR 2013 MEETING

The presentation for the meeting in Sosnowiec was made by Magdalena Misz-Kennan at the Closing Plenary Session. The meeting is scheduled from 25th August to 1st September 2013.

The Closing Plenary session of the ICCP General Assembly finished thanking Prof. Shifeng Dai and Prof. Kuili Jin, the other members of the Organizing Committee the undergraduate students of the State Key Laboratory of Coal Resources for a perfectly organized meeting in which they took any action to meet our needs. The meeting run smoothly throughout the week.

On Wednesday the ICCP symposium on Coal and Organic Petrology was held with Petra David and Angeles G. Borrego chairing. The Symposium Program is given as Appendix 8.

SOCIAL PROGRAMME AND FIELD TRIP

The social program commenced on Saturday afternoon with an ice break party after the first meeting of the General Assembly. We had the chance to interact to each other intensively during the meeting because both lunch and dinner were provided every day by the Organizing Committee.

The Conference Dinner celebrated on Tuesday afternoon after the sessions. We had the chance to try the famous Peking duck served in the traditional style. During the dinner we were guide by our Chinese colleagues in the right way to enjoy this delicious dish.

Field Trip to South of the Colourful Clouds, Yunnan Province *by Stavros Kalaitzidis*

A three day excursion was organized for the ICCP and TSOP delegates to Yunnan Province in Southwest China, to visit both Geological and Cultural places of interest, with the most prominent the Jinsuo Lignite Mine, the Stone Forest, the Chengjiang Fauna and the Swallow Cave.

The excursion started on Wednesday 29th of September, with the participants on a 3 hour flight from Beijing to Kunming airport, where they overnighed in the nearby Zhonghuang hotel.

Next morning the first stop was in Stone Forest, which is located 80 km southeast of Kunming. The Stone Forest is one of World's Natural Wonders, and comprises natural karst formations. The limestones were formed during the Late Palaeozoic, and nowadays they feature "well-structured stone teeth", which resemble "petrified trees" creating the illusion of a forest. There are also numerous water-eroded caves and karst lakes, making the area

very pleasant and interesting to visit, and one of the most vibrant touristic places. After the 3 hours walk the organizers treated the participants with a Traditional Chinese Lunch in a nearby restaurant.

In the afternoon we visited the Chengjiang Fauna National Park, which is located 56 km from Kunming close to the Fuxian Lake, and is listed as an UNESCO World Natural Heritage Site. The participants had the opportunity to visit the Museum that hosts one of the best collections of well-preserved Early-Cambrian fossils, including porifera, brachiopoda, arthropoda and many other invertebrates, and learn about the discoveries in that area during the recent years.

The group overnighed in Jianshui, one of the most famous historic and cultural towns of China, located 193 km south of Kunming. Dinner was provided in Jianshui Hotel and later in the evening the group had the chance to explore the town for few hours, to taste local delicacies, do some and perhaps exaggerated shopping particularly of tea pottery, and in general enjoying the hospitality of the locals.

On Friday after breakfast the team had a morning walk to the nearby Zhu Family Garden, which is a residential courtyard covering 20,000 m², and it is also operating as a Hotel. The Garden was built from 1905 to 1911 during Guangxu Reign of the Qing dynasty. The participants had the opportunity "to discover their own Shangri La" on this spectacular Garden that comprises one of the best styles of Chinese Tradition. Plenty of endemic plants, beautiful alleys and the spectacular architecture, all contributed to a very enjoyable morning.

After second round of shopping and walking in the morning market of Jianshui the team travelled to visit the Shallow Cave, located 30 km from Jianshui. The Shallow Cave consists of a dry cave, a water cave and a 30,000 m² natural forest, with a total area of 100,000 m². The visit included a walk within the Cave for few km, along the scenic areas of "Exploring Along Dragon Spring", "Picking up Beauty in Heavenly Streets" and "Wonder Land". Apart from the beautiful stalagmites and stalactites, there were several other spectacles, which fascinated the participants, like the cliff inscriptions and the spring swallows gathering. Quite amazing was to see young courageous people climbing to the cliffs of the dry cave. After a quite intense walk, at the most inner part of the cave there was a dining area, where our thirst and hunger were satisfied. Hopefully, the team didn't have to walk back as the

Lujiang River flows into the cave, and a quite impressive boat cruise with dragon-boats was offered back to the entrance.

The team returned back to Jianshui for a quick lunch and then travelled to Kunming to visit the Yunnan Coal Geology Museum. However, the 4 hours planned trip lasted a bit longer, as the bus encountered busy traffic time in Kunming, making it impossible to arrive in the Museum at least the same night. Thanks to the efforts of the Organizers an adventurous walking experience through the “under-construction” roads of Kunming commenced, which had a successful conclusion. By arriving in the Museum at 19:30 a tour was offered, in which the participants overviewed the 100 years history of the coal research and mining industry in Yunnan Province and explored a very interesting collection of coal specimens, petrified peat-forming plants, fossils found within coal mines and various geological tools used during field work. After the exhibition through the specimens the Director and the local Organizers offered a very pleasant and relaxing dinner, in the area of the Museum.

The team finally arrived in Zhonghuang Hotel to overnight, after having a quite full but very enjoyable day. The last day of the excursion the team visited the Jinsuo Coal Mine, which is located few km out of Kunming.

The Jinsuo Coal Basin is 9 km long (N-S) and 1.5 - 4 km wide (W-E), with a total area of 18 km². The coal-bearing strata is a Neogene sedimentary sequence, overlying the middle Cambrian and the lower Ordovician systems with an unconformable contact. The coal-bearing stratum, Ciying Formation, has a thickness of 5.80 to 203 m and consists of conglomerate, sandstone, siltstone, mudstone, and lignite. There are 4 coal seams in the basin, numbered as 1, 2, 3, and 4 Seams, with No. 3 Seam being the major minable seam with a thickness ranging up to 38 m (13 m on average). The No. 3 lignite exhibits significant variations in lithotypes, as well as in physical properties. The seam consists of alternating bands of matrix and xylite-rich lithotypes, with frequent occurrence of “Baipao coal” and mineral-rich bands, while occasionally charcoal-rich (fusain) bands occur. “Baipao coal” is a Chinese term, indicating coal that is “grey-white in colour and light”. Actually these bands are rich in liptinites, and this type of lignite is used for montan wax production. The visit to the mine was very enjoyable and educational, with the participants being able to touch the lignite

and collect samples of the different lithotypes from the mining face.

Short after the mine tour, the team arrived to the nearby Yunnan Phosphorus Group Co. Ltd. facilities, where was welcomed by the Managing Team and had a short introduction on the Industries activity, and a short break, where refreshments were offered.

Late in the afternoon we arrived in the Kunming Airport for the evening flight back to Beijing, having fulfilling totally our expectations, in experiencing the beautiful Yunnan Province. Special thanks to Drs Shifeng Dai, Yuegang Tang, Xiaolin Song and Yaofa Jiang for their enormous efforts in accommodating all of us and offering a memorable excursion.

SUMMARY OF APPENDICES

- Appendix 1** Minutes of the Commission Meetings
- Appendix 2** List of participants
- Appendix 3** New Members
- Appendix 4** Treasurer
- Appendix 5** Editor
- Appendix 6** Council
- Appendix 7** Organic Petrology Award
- Appendix 8** Symposium Programme



The Stone Forest from the field trip (photo Stavros)

Appendix 1 - Commission Minutes

Minutes of Commission I General Coal and Organic Petrology 64th ICCP Meeting, Xijiao Hotel, Beijing September 15 – 16, 2012

Chair: Dr. Deolinda Flores

dflores@fc.up.pt

Secretary: Dr. Stavros Kalaitzidis

stavros@integralrc.com

Opening remarks

The Commission I meeting was held on the afternoon of Saturday the 15th and the morning of Sunday the 16th of September and was attended by 32 and 34 members respectively. The Chair outlined the programme for the sessions and presented a short overview of the Commission's activities during the last year, including a short report for the Working Group of Temporal Variations of Coals.

Temporal Variations in Coal WG

Lopo Vasconcelos

Lopo presented a short update on the WG status and its database, which now reaches in total 11291 maceral data entries from 71 countries and territories. The data were evaluated and plotted in a series of diagrams showing variations of type, rank and mineral matter content according to age and geographical distribution of coals; these results were presented during the Symposium held on the last day of the Meeting. It is decided that the WG closes its normal activities, although Lopo will continue adding data as they are made available. Therefore, ICCP Members are encouraged to use the Database and/or to add any new data that become available by conducting either Lopo or Com I Chair/Secretary.

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

- SCAP - Single Coal Accreditation Program
- ISO Standard
- Petrographic Image Database
- Suberinite Working Group
- Standardization Working Group
- Peat Petrography Working Group
- New methodologies and techniques in organic

petrology WG

- Reflectance & Terminology of Zooclasts in old sediments
- New Handbook Editorial Group
- Oxidation Editorial Group
- Raman Spectroscopy Editorial Group
- Liptinite Editorial Group
- ICCP Reflectance Standard - Walter Pickel
- Commission I and II joint Microscope session

Single Coal Accreditation Program

Kimon Christanis

Deolinda presented on behalf of Kimon the progress of the 2012 SCAP round, which is still in progress.

The 2012 SCAP exercise was announced in February 2012. Invoices were sent out in March 2012 and the samples and instructions in April 2012; 6 block samples for the new participants in the program and 2 bulk coal samples for the continuation program. The participants have to measure the following parameters:

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

The deadline to submit the results is end of September 2012.

In total 110 analysts were registered in the 2012 SCAP from 51 laboratories located in 23 countries; 71 of the participants are continuing the program, whereas 39 are new entries. It is interesting to note that only 43 participants are members of ICCP, whereas the remaining 67 are non-members.

The geographic (concerning continents) distribution of the participants is as follows:

Oceania 33 %

Europe 31%

America 23%

Africa 9%

Asia 4%

For the first time SCAP obtained registrations from Mexico, Mongolia, Switzerland and Turkey.

The schedule for the forthcoming months involve the assessment of the data by the end of October 2012, the circulation of the results back to participants within November, which will be also the timeframe to register any appeal, and the mailing of the Certificates by the end of December

2012.

Suitable samples are requested to continue the Program and Members who can assist please contact Kimon, christan@upatras.gr.

Finally, the Members of the Accreditation Sub-Committee Deolinda Flores, Carla Viviane Araujo and Kees Kommeren, the ICCP Treasurer Jen Pearson, Angeles Gómez Borrego, Isabel Suárez-Ruiz and Kimon's students George Siavalas and Görkem Oskay are acknowledged for their valuable support.

Commission I would like to thank Kimon for his efforts in managing the SCAP 2012 Exercise.

ISO Standard

Walter Pickel

Walter discussed the status of the "7404 ISO Standard - Methods for the petrographic analysis of coals". Three parts (2, 3 and 5) have been revised and published by ISO. The Standard now covers analyses on coals of all rank. The previous version covered bituminous coals and anthracite only. The three revised parts are:

Part 2 - Methods of preparing coal samples, revised by Dave Pearson

Part 3 - Method of determining maceral group composition, revised by Harold Read

Part 5 - Method of determining microscopically the reflectance of vitrinite, revised by Walter Pickel

Parts 1 and 4, Part 1 - Vocabulary and Part 4 - Method of determining microlithotype, carbominerite and minerite composition, would need to be updated to the level of the already revised ones. ISO has started the formal progress of revising part 1 and Walter asked for volunteers to support the revision process and be part of the official ISO working party. He will send a draft of the revision to the volunteers later this year. The volunteers are: Paul Hackley, Peter Crosdale, Antonis Bouzinos, Isabel Suárez-Ruiz, Stavros Kalaitzidis, Angeles G. Borrego, Judith Potter and Shifeng Dai.

Walter also asked, whether ICCP saw any need to revise part 4, Microlithotypes. While he was supportive of such a revision, previous discussions on various national Standard committees and others had suggested, that a revision might not be needed. However, though the method has not changed, the microlithotype nomenclature might need to be brought into line with the other parts of ISO 7404,

if the relevance of this part of the Standard is accepted. Commission I agreed that it found a revision of part 4 necessary and Walter will contact Harold Read and ask him to initiate the necessary ISO formalities. A revision will then be undertaken in the time frame set by ISO.

During the discussion Angeles Borrego proposed to consider the creation of an ISO Standard also for "Method of determining microscopically the reflectance of DOM" as well as a Standard on point counters. Paul Hackley and Angeles will explore further the option of having and ISO on Reflectance of DOM.

Commission I thanks Walter and the WG participants for their efforts in delivering the ISO Standard.

Petrographic Image Database

*Johan Joubert, Ralph Delzepich,
Paddy Ranasinghe & Paul Hackley*

Johan provided a short overview of the existing options for the development of the Image Database. During the presentation of the WG in Beijing it was decided that the development of the Image database will be initiated by Ralph Delzepich during the Meeting having all the members available for consultation.

Paul Hackley also presented the USGS Photomicrograph Atlas, ASTM Coal Maceral Classification

<http://energy.usgs.gov/Coal/OrganicPetrology/PhotomicrographAtlas/ASTMCoalMaceralClassification.aspx>

as an example, which triggered a very good exchange of ideas for the development of the ICCP Image database.

On Tuesday 18th of September, Ralph presented a draft of the database model, which contains different sets of metadata for a single sample, e.g., the name of the provider, location, geological and various other data. The data model has been developed in a way that many fields can only be filled out using dropdown menus. This will create a standardized database content, which can be filtered more easy and accurate than using free text input in most of the cases. However, in addition to the predefined values there will always be an option "other" or "unknown" together with an extra field to enter the description. Each sample can have several subsets that will contain the images with the various macerals. The option of imposing images

under different illumination is also available.

In order to label macerals or inorganic matter, an image editor will be added to the database frontend, so that any image can be uploaded into the database without information rendered into it and thus modifying the original image.

At the beginning only ICCP Members will be able to provide images and all the submitted information will be subjected to approval by a Panel prior showing up in the searchable content of the image database. Members of the Panel are: Walter Pickel, Jolanta Kus and Isabel Suarez-Ruiz, representing Commissions I, II and III, respectively.

It is planned that the Image database will be operational in 2013 and Members will be able to submit images. Detail instructions will be published in the Webpage as well as to ICCPNews.

During the year Daniel van Niekerk resigned from the WG, and in addition to Johan and Paddy, Ralph and Paul will be Members of the WG.

Commission I thanks Johan, Ralph, Paddy and Paul for all their efforts in relation to the Image Database.

Suberinite WG

Peter Crosdale

Peter Crosdale presented an overview of the Suberinite WG and a summary of the first exercise. The relative documentation is available on ICCP webpage. There was no activity during 2011 but a new exercise is underway and will be communicated to the WG Members within the year. The problematic key issues in Suberinite identification were presented as well as the definitions according to ICCP but also according to the Australian Standards AS 2856.2 1998 Coal petrography Part 2: Maceral analysis.

Photomicrographs from the new 2012-2013 exercise were presented and discussed during the Meeting and it was evident that structure is a key element for many members in discriminating among suberinite and bituminite and/or liptodetrinite.

The new exercise will be soon available from the ICCP website.

Anyone interested in participating in the new exercise please contact Peter (peter.crosdale@energyrc.com.au).

Commission I thanks Peter for convening this very interesting WG.

Standardization WG

Walter Pickel

Walter Pickel presented a report from the continuation of the 2010 Standardization Exercise. The exercise included 47 images, annotated with 250 macerals that participants had to identify and record the data on an Excel spreadsheet. The participants were asked to report the maceral-subgroups of the vitrinite group. Only 26 members conducted the exercise so far, 17 of whom are from Australia, of which eleven are from one laboratory. From the results it is evident that more data are required for a comprehensive assessment. Walter presented also the results of the 1993 RIC analyses, which also referred to vitrinite sub-groups identification, as a comparison to the recent one. The results of both exercises are similar, indicating that there is a lack of an acceptable level of agreement on the maceral-subgroups of vitrinite. In many cases the level of agreement was less than 50% particularly, in differentiating between telo- and detrovitrinite.

Walter pointed out that the results of one laboratory with many petrographers working closely together show a fairly good reproducibility. It is however low if results from different laboratories are compared. The preliminary assessment indicates a significant impact of the "Petrography School", at which each participant was trained; hence the results are quite biased.

In order to test the results, the attendees of the Meeting were invited to identify maceral sub-groups in a series of photomicrographs from the exercise. Before running the exercise the ICCP definitions were also presented. During the live-exercise there was a general agreement in identifying telovitrinite; however in some cases of less homogeneous particles, opinions were split. A possible conclusion drawn from the exercise might be that revisiting the ICCP definitions may lead to higher level of agreement and thus possibly better results.

During the discussion it was agreed that this exercise is very important for ICCP and that it is desirable to get as many responses as possible. Hence, the exercise will be circulated to all the ICCP Members in order to obtain a sufficient number of results. For the evaluation of the results it was suggested that statistics from the ICCP Accreditation Programs will be applied, if possible. The presentation is available on the web site of Commission I.

All members are encouraged to do the exercise in the following months and please contact Com I to get the files.

The files are also available from the ICCP Webpage and the interested members can download and perform the exercise. CDs are also available upon request from the Convenor (please e-mail: walter.pickel@organicpetrology.com). The extended deadline for the RIC 2010 exercise is March 2013.

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

Peat Petrography Working Group

Kimon Christanis and Stavros Kalaitzidis

Stavros presented a short overview of the exercises conducted within this WG for the period 2005-2008, and a summary of the results. The outcome of the WG is a recommendation of a classification scheme, which will be based on the standard ICCP Classification for Huminite-, Inertinite- and Liptinite-Group Macerals, with the addition of pre-textinite and epiderminite as maceral varieties of Textinite. Draft definitions were published in ICCP News, vol. 54, p.13.

During the Meeting, Stavros presented 10 photomicrographs and asked the attendees to identify the macerals; a valuable discussion took place regarding distinction features of pre-textinite and epiderminite.

The draft final report will be distributed early 2013 to the WG members with the plan to present a final report at the next ICCP Meeting.

Commission I thanks Kimon and Stavros for convening this very important WG.

New Methodologies and Techniques in Organic Petrology WG

Lila Gurba

Lila presented the history and a summary of the activities from 2003 onwards of the New Methodologies and Techniques in Organic Petrology WG. The activities of the WG include i) White Papers; ii) Handbook; and, iii) Presentations of Invited Speakers. The 1st edition of the White Paper along with all the guest presentations and documents are available on the ICCP webpage.

In the second part of the presentation Lila, presented the activities and the results of the Electron Microprobe Working Group for the period 2000-2002. She gave a short introduction on the method of determining C, O, N and S concentrations on individual macerals, the objectives of the WG and results from the round robin analyses that were conducted. Furthermore, Lila discussed examples of applications where Electron Microprobe data were used to assess i) coal rank and maturation of sediments; ii) depositional environments, emphasizing on the impact of marine influence; iii) the impact of intrusions; and, iv) mineral matter in coal.

During the discussion, valuable comments were made by Thomas Gentzis concerning the results of the maturation studies, and Peter Crosdale regarding the application of Electron Microprobe on differentiating between micrinite and kaolinite. Peter also mentioned that a limitation of the method is the fact that hydrogen is calculated by subtraction, however Lila pointed out that the only method to measure *in-situ* oxygen is the use of electron microprobe, and in this case the carbon/oxygen relationship for coalification track of macerals, can be better assessed. Kuili Jin also suggested that Electron Microprobe can be a valuable tool in gas migration studies.

The future activities of the WG will focus on: i) updating the website with recent information; ii) obtain the required texts and finalising the 2nd Edition of the White Paper; iii) finalizing the Electron Microprobe Handbook by the end of 2012; Maria Mastalerz will be contacted for this purpose; and; iv) to continue the presentations from invited speakers on emerging issues related to coal science and coal petrology. An advisory panel will review the Handbook and the 2nd White Paper prior to their publication.

ICCP Members are encouraged to participate with presentations to the WG on subjects related to, but not limited, on New Methodologies and Techniques in Organic Petrology, since the objective is to present summary of research topics in the broader field of coal science in which organic petrography could be a significant input. Interested parties please contact Lila (l.gurba@unsw.edu.au) during the year.

Commission I acknowledges the efforts of Lila and thanks her for the presentation.

**Reflectance & Terminology of
Zooclasts in old sediments**

Thomas Gentzis

Thomas Gentzis presented the introduction and the proposed working plan of the recently established WG dealing with Reflectance and Terminology of Zooclasts in Old Sediments. The presentation was a comprehensive review of the bibliography and the up today knowledge on the subject. He presented the anatomy of the Epiplanktonic colonial animals that lived from the Cambrian to the Carboniferous and a series of photomicrographs of Graptolites, Chitinozoans and Scolecodonts, by increasing maturity, focusing on their importance for reflectance measurements on sediments prior to Carboniferous. Additionally, correlations between the reflectance of the zooclasts versus vitrinite and pyrobitumens from various bibliographic sources were discussed.

The plan of the WG will be:

- i. Obtain permission from clients to prepare blocks for circulation to interested ICCP members. No details regarding company name, well name, drilling location, and depth will be provided, due to confidentiality clauses.
- ii. Expand study to include as many worldwide basins as possible.
- iii. Establish correlations between zooclast R_r vs. bitumen R_r and/or VR_r - when possible - by statistical analysis.
- iv. Relate zooclast R_r data to Rock-Eval pyrolysis and other maturity parameters.
- v. Identify other factors that may affect zooclast reflectance (e.g., block preparation method).
- vi. Refine zooclast nomenclature, if necessary.

For 2013 Thomas will circulate samples (pending on approval) to the WG members and a series of photomicrographs as a guide. The object of the exercise will be to identify and characterize the zooclasts and to perform reflectance measurements. During the discussion Professor Kuili Jin mentioned that in several publications in China the term "marine vitrinite" in Ordovician to Cambrian sediments represents most probably zooclasts and that he will try to provide samples for the purposes of the WG.

Members, who are interested to participate in the activities of the WG please contact Thomas (Thomas.Gentzis@corelab.com).

Commission I would like to thank Thomas for his initiative and the very interesting presentation.

New Handbook Editorial Group

*Ivana Šýkorová, Isabel Suárez Ruiz &
Kimon Christanis*

Deolinda presented the status of the New Handbook on behalf of Ivana:

- i. Chapters that have been revised, formatted and uploaded in the webpage (secure part) since May 2012 are: Lithotypes in low- and high-rank coals (Chapter 3), Inertinite (Chapter 5.4) and Definitions (Chapter 2)
- ii. Chapters that are revised and will be soon uploaded on the webpage: Huminite (Chapter 5.2) and Vitrinite (Chapter 5.1), Hydrogenation residues definitions (Chapter 8.1), Graphite, Semigraphite, Natural coke, Natural char (Chapter 9 - Other terms)
- iii. New versions that were edited and formatted according to the template and need to be reviewed by Members: TEM microscopy (Chapter 7.12, written by Barbara Kwiecińska and Sławomira Pusz), SEM microscopy (Chapter 7.13, written by Barbara Kwiecińska and Sławomira Pusz), Pyrolytic carbon (Chapter 9 - Other terms, written by Barbara Kwiecińska and Sławomira Pusz).

All the above chapters will be in the website and suitable reviewers, at least two per chapter, will be contacted to review them.

Remaining Chapters in progress that require extensive revision and edits are: Introduction (Chapter 1), Microlithotypes (Chapter 4), Liptinite (Chapter 5.3), Classification of DOM (Chapter 6), Methods (Chapter 7), Coal Utilisation (Chapter 8), Other terms (Chapter 9), ICCP services (Chapter 10). The Editorial Group seeks for volunteers to assist with finalizing these Chapters.

During the discussion Petra David mentioned that the Handbook should be published as soon as possible, even if there is still work in progress. Walter Pickel also proposed to compile all the revised chapters and finalize them as priority.

Additionally, it was agreed that the ICCP maceral classifications should be published in the ICCP website and Commission I will act upon this.

The Editorial Group urges ICCP Members to visit the website and comment on the revised texts, in order to finalize the Handbook. For more information please contact Ivana (sykorova@irms.cas.cz), Isabel (isruiz@incar.csic.es) or Kimon (christan@upatras.gr).

Commission I congratulates Isabel, Ivana and Kimon and thanks them for their efforts to finalize the Handbook.

Oxidation Editorial Group

Jolanta Kus & Magdalena Misz-Kennan

Magda presented the status of the Coal Oxidation Chapter. For the period 2010-2011 the Group assembled publications on the subject of aerial coal oxidation, focusing on: i) in situ naturally weathered/oxidized coals in outcrops, at mining faces, stock piles, etc.; and ii) laboratory oxidized coals at a temperature of up to 250°C. Journals that were searched included IJCG, Fuel, ASM, Energy Sources, Fuel Processing Technology, Canadian Journal of Physics, ISS-AIME Ironmaking Proceedings and AAPG Bulletin. In 2011 Meeting in Porto, the Final Draft version of the chapter was presented and it will also be available on the webpage for comments.

At this stage the Group requires photomicrographs of aerial oxidized coals in order to finalise the Chapter. Hence, Members who can contribute with images should contact Jolanta (Jolanta.Kus@bgr.de) or Magda (magdalena.misz@us.edu.pl).

Commission I congratulates Jolanta and Magda for their work on the Oxidation Chapter.

Raman Spectroscopy Editorial Group

Barbara Kwiecińska & Sandra Rodrigues

Sandra presented the text for Raman Spectroscopy Chapter, which is still in progress. Three sections are prepared till now: 1. General Aspects, 2. Raman effect, 3. Raman in carbonaceous materials, and the relevant References. For 2013 Barbara and Sandra will continue in finalizing the chapter.

Commission I would like to thank Barbara and Sandra for their initiatives and efforts in preparing the Raman Chapter.

Liptinite Editorial Group

Walter Pickel

Walter presented the progress of the Liptinite Editorial Group. The texts have been revised by Walter, Peter Crosdale and Jolanta Kus and all the information were compiled in a single Liptinite Chapter. Photomicrographs were added to the document and the Literature Section has been

updated, although some references are still in the old handbook format with the titles of the references missing.

Walter presented the draft word document, which includes the macerals (in order of presentation): cutinite, suberinite, sporinite, resinite, exsudatinitite, chlorophyllinite, alginite, liptodetrinite and bituminite.

In order to finalise the chapter Walter requested Commission I Members to decide upon two issues: i) whether ICCP will adopt the telalginite - lamalginite classification, as proposed by the Late Alan Cook; and ii) whether bituminite should be the agreed term for the classification, with references to amorphinite, suberinite (in part) and degradinite to be also included.

During the discussion the present Commission I Members agreed to both suggestions.

Furthermore, the following actions should be completed in 2013:

- i. Deolinda will update the references list with the titles of the publications.
- ii. Walter will edit the draft document according to the Handbook template and submit to Commission I for comments.
- iii. The Liptinite chapter will be prepared for publication in International Journal of Coal Geology.

Commission I congratulates Walter, Jolanta and Peter for their work on the Liptinite chapter.

Other Businesses

ISBN for ICCP Handbook

During the discussion on the Liptinite Chapter, Deolinda mentioned that there is problem on accepting the ICCP Handbook as reference by international scientific journals. Hence, it was decided that the Editor, Peter Crosdale will initiate the process to obtain ISBN for the ICCP Handbooks.

Reflectance Standard

Peter Crosdale raised the issue of obtaining a formal certificate from ICCP for the reflectance standard calibration service, in order to verify the calibration in cases of an external auditing.

However, since the service that ICCP is providing is not registered to any Standardization Organization a formal certification at this stage cannot be provided. Walter Pickel suggested replacing the term "Calibration" with "Checking"

under the ICCP services, in order to be more accurate. Walter and Peter will work on a Certificate Template and will present it to Commission I in the next meeting.

Proposal of new Working Group

Distinguishing Features of Macerals EG

During the presentation of the Liptinite Editorial Group, Walter Pickel suggested establishing an Editorial Group for Distinguishing Features of Macerals. The aim of this EG will be to write/compile a glossary of distinguishing features for all macerals. The proposal was accepted and 16 Members applied to participate. Walter will convene this WG and will distribute more information to the participants.

Micro-FTIR WG

At the end of the Commission I session, Professor Kuili Jin proposed a new WG dealing with Micro-FTIR on coals, with the aim to standardise the different methodologies. The proposal was approved and convenors will be Professor Kuili Jin and his colleagues Yuegang Tang, Shaoqing Wang and Lei Zhao. The convenors will distribute the objectives and a work plan to the 8 Members that signed to participate.

Microscope Session

Commissions I and II held a joint microscope session on Sunday 16th September at Conference Room 8-9, No. 1 Building and 30 participants attended the session. Professor Shifeng Dai provided the microscope and excellent projecting facilities so that all the attendees could simultaneously observe.

Peter Crosdale and Antonis Bouzinos presented samples from the Suberinite WG. The samples represent Triassic coals from Surat basin in Eastern Australia. The focus of the session was to identify suberinite and to discuss potential problems with the ICCP definition. From the various fields that were presented, it became evident that the attendees were able to identify suberinite without difficulties only in cases where its structure was obvious, fluorescent mode was used or it was associated with corpogelinite. In cases of fractured or degraded fields the confidence or the agreement of the participants was reduced, with bituminite or liptodetrinite being suggested instead of suberinite. Another reason of disagreement was in cases of overlapping of the reflectance intensities between

vitrinite and the possible suberinite. To overcome this, Walter Pickel suggested performing reflectance measurements prior to decide whether it is suberinite or not. The problems in agreeing whether or not what was observed could be classified as suberinite particularly in cases of no association with corpogelinite triggered a very interesting discussion regarding "what the petrographers see" before identifying the maceral. Do the petrographers focus only on "the point" of a particle or take into account the "context" of the maceral/particle and hence the concept of microlithotype prevails when classifying the point? A lot of the attendees of the session agreed that petrographers do take into account the microlithotype before deciding upon the maceral. Peter at this point commented that if this is the case, and the "context" of a maceral is a decisive factor then ICCP should consider mentioning this in the classifications. Walter also commented that apart from in point count analysis, which refers to a point in a maceral under the cross hair, macerals are not defined as 'points' but as 'microscopically recognizable individual constituents', thus a constituent of specific characteristics, which may well include structure, or the presence of other associated macerals. The live microscopic examination of the Surat Basin coals revealed how important the Suberinite WG is for the purposes of ICCP.

Antonis continued the session by presenting Permian coals from Australia, which were heat affected by nearby intrusions. It was a very interesting session and the attendees had the chance to visualise degasification pores in vitrinite, as the main diagnostic feature of the thermal effect.

Angeles presented the DOMVR samples from the most recent round of accreditation. The first sample was mature, with clear and unambiguous vitrinite layers. Even so, results from this sample had a large group standard deviation during the exercise. Angeles proposed that it would be a good idea to solicit a photomicrograph of what was measured from the low value reporters, in case poor polish was impacting reflectance measurement. The second sample contained strongly fluorescing organic matter, indicating its immaturity. Despite difficulties with the petrography of the DOMVR samples, all participants were accredited.

Walter Pickel presented a block containing Torbanite from Torbane Hill in Scotland, which actually represents a significant milestone in the development of coal petrography as we know it

today. The participants had the opportunity to observe an alginite-rich sample that displayed variable fluorescent intensities. During the discussion that followed the general consensus was that it is necessary to use fluorescent mode when examining low and middle rank coals and DOM.

Commissions I and II would like to thank Peter, Antonis, Walter, and Angeles for their contribution in the session as well as Professor Shifeng Dai and his team for the equipment and the facilities.

Closing Remarks

Deolinda Flores presented a short summary of Commission I activities during the last 4 years (2009-2012), as both her term as the Chair of Commission I and Stavros' as the Secretary were expiring in 2012.

Active WGs that contribute to Commission I objectives are:

- i. Peat Petrography WG: two exercises in 2009, 2010; the final report and publication is in progress;
- ii. Standardization WG: two Round Robin exercises; the first with block samples and the second with photomicrographs; the outcome very useful for ICCP to evaluate our definitions;
- iii. Review of New Methodologies and Techniques in Organic Petrology WG: Presentations on Clean Coal Technologies, Measured kinetics and composition of a global set of lacustrine and marine oil shales: influence on petroleum generation characteristics (by Henrik Petersen), Reports from TSOP Meeting in Halifax 2011;
- iv. Petrographic Image Database WG: Established in 2009 in Gramado, in progress and anticipating to have the draft database format within 2013;
- v. Suberinite WG: Established in 2009 in Gramado; in progress and a 2nd exercise will be circulated this year;
- vi. Reflectance & Terminology of Zooclasts in old sediments: Established in 2011 in Porto; in progress and the 1st exercise will be circulated this year;
- vii. New Handbook Editorial Group: 5 revised chapters, 5 revised and formatted chapters, 8 in progress, and 3 new versions;
- viii. Other Editorial Groups: Liptinite, Oxidation, Raman Spectroscopy.

WGs that were finalized this period:

- i. Temporal variations of Coal: A database was produced and is available on ICCP website;
- ii. Degradinite: The final report is available on ICCP website.

Inactive WGs

- i. Sample Preparation Techniques
- ii. White Light Illumination

Deolinda also reminded that the following Commission I Services are available for the Coal Petrography Community:

Single Coal Accreditation Program, SCAP - Kimon Christanis

Reflectance Standard Checking: The service to check standards against the ICCP Reflectance Standard continues to be available from Dave Pearson, Walter Pickel and Gred Bieg (USD50 and free for ICCP members).

As per final remarks Commission I would like to encourage ICCP members to visit the webpage, since a lot of data and information from the WGs have been uploaded <http://www.iccop.org/index.php?id=19>. The presentations of the Meeting will be also available soon in the secure area of the webpage, and the convenors of the various WGs are encouraged to check and update regularly the web material.

Commission I greatly acknowledges Igor Viegas for his support in updating the webpage. Finally, Commission I would like to thank all the participants of the sessions for their valuable comments and inputs that resulted in a successful Meeting.



Jinsuo Coal mine from the field trip (photo by Stavros)

Minutes of Commission II
Geological Applications of Coal Petrology
64th ICCP Meeting, Xijiao Hotel, Beijing

September 16 – 17, 2012

Chair: MSc Carla Araujo

carla@petrobras.com.br

Acting Chair: Paul Hackley

phackley@usgs.gov

Secretary: Paul Hackley

Acting Secretary: Henrik Petersen

hip@geus.dk

Sunday - 16th September

13:30-13:40 - Opening address

The opening address of ICCP Commission II, Geological Applications of Coal and Organic Petrology, began with a welcome and an update of the activities within Commission II. The working groups were introduced, and presentations of Commission II training material were made by Paul Hackley, as Acting Chair in the absence of Chair Carla Araujo. Henrik Petersen served as Acting Secretary in the absence of Secretary Elect Jolanta Kus.

The Commission II meeting started at 13:30 in Conference Room 8-9, No. 1 Building, on Sunday September 16th and was attended by 26 participants.

13:40-14:00 Identification of Primary Vitrinite WG (*Convener: Paul Hackley*)

Paul summarized the activities of the working group (WG) since its creation in 2008 and presented a new product that came from the working group, ASTM test method D7708-11 for dispersed vitrinite reflectance analysis (<http://www.astm.org/Standards/D7708.htm>). The D7708-11 standard needs to have a precision statement to provide repeatability and reproducibility values, which will be obtained through a new round robin exercise using the standard. It was previously agreed at the 2011 Porto ICCP meeting that Paul would organize and convene the round robin, and that the data would be evaluated by ICCP before transfer to ASTM to include in the standard as the basis for a precision statement. New work presented for the WG included the characterization of approximately 25 shale samples which could be used for the round robin. These have been evaluated by Paul via petrography-photography, R_o , Rock-Eval, TOC,

and XRD mineralogy. Paul will select six of the samples representing a range of maturities, ages, and organic matter types, which will be distributed as 1-2 g of crushed particulate to participants for the round robin analysis. Care will be taken in the selection of samples to avoid using exceptionally complex or difficult shales. Tom Gentzis commented that the detailed characterization prior to the round robin also was necessary to avoid possible contamination. This round robin exercise will commence in the last part of 2012 with sample distribution. ICCP members and interested parties who would like to participate in the round robin are encouraged to contact Paul at phackley@usgs.gov.

14:00-15:00 DOMVR Accreditation Program

(Organizer: Angeles Borrego)

Angeles presented a summary of the Dispersed Organic Matter Vitrinite Reflectance (DOMVR) Accreditation Program. The current round was initiated by Alan Cook during 2010 with registration of participants and sample distribution occurring with some delay during 2011, so that final evaluation of results had to be accomplished after the meeting in Porto. The unexpected passing of Alan following the Porto meeting precipitated the transition of the organization to Angeles and accumulated additional delays until Alan's family was contacted to recover the past results. Walter Pickel was able to visit Alan's home to compile and update the identifiable information related to the current round. The results were submitted to Angeles as the new Organizer (appointed at the 2011 Porto Meeting), who then contacted participants and performed evaluation of the analyst's results thereby allowing results and accreditation certificates to be distributed. All participants in the 2010 round were accredited, a very successful result.

A new accreditation round will commence in 2012 with sample distribution immediately following the Beijing meeting to 36 committed participants. New participants will receive six samples to analyse whereas continuing participants will receive two. Henrik Petersen commented that participants should receive some supporting background information along with the samples to help with interpreting the analysis. All interested persons are encouraged to contact Angeles at angeles@incar.csic.es to participate in DOMVR Accreditation.

The DOMVR Accreditation sample bank is in a critical state as all samples were lost with Alan's

passing. We urgently need to find new samples to run the program in the next couple of rounds and we also need to recover samples from the veterans in order to allow beginners to enter the program. The DOMVR Accreditation will share some of the samples from the Identification of Primary Vitrinite WG but more samples also are requested from ICCP members. Please contact Angeles to donate samples to the Accreditation Program.

Commission II congratulates Angeles for the recent work that has been done in the DOMVR Accreditation Program and acknowledges that the Program will always benefit as part of Alan's legacy.

15:00-15:30 **Identification of Dispersed Organic Matter**

(Convener: Jolanta Kus,

Presenter: Magdalena Misz-Kennan)

On behalf of Jolanta, Magda presented a review of the activities of this WG in 2012. The aim of the most recent work was to identify bituminite in photographs of whole rock samples in order to test the applicability and restrictions of the existing ICCP terminology of bituminite. Jolanta had circulated a series of photomicrographs showing low maturity Posidonia Shale from different locations in Germany with participants remarking on the adequacy of the ICCP definitions to identify bituminite in the photographs. Participants noted weak fluorescence and shape (fine schlieren, threads, strands, bands, layers and lenses, flaser, and pods) most frequently as criteria for identification. However, participants also noted that diffuse borders, amorphous shape and close association with lamalginite introduced great difficulties in the recognition of bituminite and that the ICCP definition is overall unsatisfactory in aiding its identification. Therefore, there are required amendments to the ICCP bituminite definition, potentially including: 1) detailed description of case scenarios of bituminite appearance at different thermal maturities from one to three localities, with discussion of its physical and morphological properties, 2) description of the association of lamalginite with bituminite, e.g., the transition from altered lamalginite to bituminite, 3) the description of bituminite in association with organic-rich mineral groundmass (although not regarded as a maceral) needs to be discussed in depth with relevant and meaningful examples, and finally 4) the number and quality of bituminite

photomicrographs in the 1993 Supplement to the ICCP Handbook requires a wide-ranging revision. A discussion ensued with comments from Polla Khanaga, Walter Pickel, and others, on the importance of improving the identification and classification of bituminite. Persons who are interested in developing further work with Jolanta on bituminite identification and classification are encouraged to contact her at jolanta.kus@bgr.de.

Commission II thanks Jolanta for the very comprehensive work that has been done in the WG with respect to bituminite identification and classification and thanks Magda for making the presentation of the WG efforts.

The presentation by Magda was followed by the coffee break and then the evening microscope session, which is described in Commission I minutes.

Monday - 17th September

The Commission II program resumed on Monday 17th September at 09:00 in the morning with 27 attendees participating in Conference Room No. 8-9 of No. 1 Building, Xijiao Hotel, Beijing.

09:00-09:15 **CBM-CO₂ sequestration WG**

(Convener: Lila Gurba)

Lila presented a review and update of past efforts of the working group which have also included activities on organic petrology applications to coalbed methane and CO₂ storage in coal seams. She discussed coal characterization in support of coal seam storage of CO₂ including the influence of properties such as coal rank, maceral type, coal permeability, microstructure and gas content. At present, coal permeability is the key factor in viability of CO₂ storage projects. Future activities in the working group will include providing updates of worldwide CO₂ storage activities and research projects and application of coal and organic petrology for prospecting for coal bed methane. Several comments were made by Tom Gentzis and Kuili Jin. Lila's working group is open to contributions and interested ICCP members are encouraged to contact her at l.gurba@unsw.edu.au. At the meeting in Beijing nine new participants signed-up for this group.

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

09:15-09:45 Concentration of Organic Matter WG*(Convener: João Graciano Mendonça Filho)*

João presented a detailed plan for a 2013 round robin exercise in this working group, which will examine the effects of kerogen concentration and acid maceration on fluorescence properties of organic matter. The exercise will use four low maturity samples, including oil shales from the Green River Mahogany Ledge in USA, Benin-Flank Basin in Nigeria, the Vale das Fontes Formation in the Lusitanian Basin, Portugal, and the Tremembé Formation in the Taubaté Basin, Brazil. These four samples have been well characterized through previous activities of the working group and some results are available in other ICCP News and in the International Journal of Coal Geology (Mendonça Filho et al., 2010). Participants will examine the samples before and after kerogen characterization and measure the corrected fluorescence spectra of multiple liptinite macerals. This is important because previous exercises of the WG have suggested that the kerogen concentration procedure may significantly impact liptinite fluorescence properties such as causing a spectral red shift. Comments were had from Kuili Jin, Angeles Borrego, and Stavros Kalaitzidis. Interested persons who wish to participate in the new round robin are encouraged to contact João at graciano@geologia.ufrj.br. It is necessary that participants have microscope equipment capable of determining fluorescence spectra, which must be corrected by calibration with the Baranger lamp available from Carla Araujo at carla@petrobras.com.br.

Commission II congratulates João for the past achievements of the Concentration of Organic Matter WG and for the detailed new round robin exercise which will provide further advances.

09:45-10:00 Thermal Indices WG*(Convener: Carla Araujo, Presenter: Paul Hackley)*

On behalf of Carla, Paul presented the results of the Thermal Indices working group, which included a 2012 round robin analysis of 3 samples from a natural maturation series in the Devonian Huron Member of the Ohio shale, Appalachian Basin, USA. Participants evaluated vitrinite reflectance and spectral fluorescence of the 3 samples and found that results agreed best for the lowest maturity sample but were also reproducible for the two higher maturity samples. The group mean vitrinite reflectance value was correlated to λ_{\max} for the lowest maturity sample but in the two higher

maturity samples λ_{\max} suggested that the samples were more mature than indicated by Ro. The results have been summarized in a report by Carla which is intended to be submitted to the International Journal of Coal Geology or another peer-reviewed journal. This round robin exercise is the last planned for the working group and the effort will be closed following publication of the report. Several comments were had discussing possible new efforts related to the working group, including standardization of the measurement of fluorescence spectra from Angeles Borrego. Henrik Petersen and Tom Gentzis pointed out that correlation of organic fluorescence spectra to vitrinite reflectance is basin- and lithology-specific and additional efforts could focus on analyzing a natural maturation series obtained from other basins or areas. Petra David remarked that she may be able to gain access to a natural maturation series from the Toarcian of Germany. Persons who have a natural maturation series with fluorescent organic matter are encouraged to contact Carla at carla@petrobras.com.br to donate their samples so that the effort can continue into the future.

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

10:00-10:30 Reappraisal of Pseudovitrinite WG*(Convener: Lila Gurba)*

Lila presented a summary of past Commission II activities related to pseudovitrinite, including work during the period 1965-1982 related to carbonization processes and during 1995-2003 related to rank studies. She said that it is unfortunate that much of the work performed and information generated over the years by the two Pseudovitrinite Working Groups has not been retained on the ICCP website. This has meant a loss to the science and organisation and requires current workers to repeat past efforts. She stated that the only readily accessible sources of information are the meeting minutes as published in the ICCP Newsletters. Lila will reactivate pseudovitrinite activities for one year in order to consolidate and finalize past work and to identify areas where potential new efforts in pseudovitrinite research may be needed. A CD as provided to ICCP in 2003 (including the first draft of the Pseudovitrinite Handbook) will be updated and a number of documents and materials related to the past activities are available and will be made accessible to ICCP members from the ICCP webpages.

Some discussion was had, in particular, related to consolidating this effort in collaboration with Jolanta Kus who was compiling information related to pseudovitrinite for the ICCP Handbook.

Interested persons are encouraged to contact Lila at l.gurba@unsw.edu.au to participate in this finalization effort to be presented at the 2013 meeting in Poland. At the meeting in Beijing, five ICCP members signed-up for this group. Lila will also contact the members of the previous Pseudovitrinite Working Groups.

Commission II congratulates Lila for the effort to finalize the past activities related to pseudovitrinite.

10:30-11:00 Coffee Break - No. 1 Building Lobby

11:00-11:15 Reappraisal of the information from past Commission II Activities WG

(Convener: Angeles Borrego)

Following the coffee break, Angeles presented the reports from previous ICCP Commission II activities which included many documents presented in past ICCP News and other summaries. Most of the documents are related to round robin exercises conducted on dispersed organic material from various samples worldwide. She reviewed how her efforts at reappraisal had changed over the years 2006-2012. Documents of the previous WGs were confirmed and edited into a uniform format and put onto the ICCP secure website with document summaries. Complete original reports are available as pdf documents linked to the webpage, which she displayed. She also demonstrated a template one-page sheet which listed the properties of the past samples used for the Commission II round robins, including photomicrographs, a reflectance histogram, and a table of characterization data such as Rock-Eval and TOC parameters. These sheets will be completed for each of the samples used in past exercises with help from members of the Commission, including Paul Hackley, as per the discussion. Finally, Angeles proposed to change the name of the WG to DOMVR and Component Identification Results (DOMVR and CIR WG) on Microscopy Samples used in Commission II of the ICCP and this was accepted. Persons who would volunteer to assist Angeles in consolidating the information from past Commission II activities are encouraged to contact her at angeles@incar.csic.es.

Commission II congratulates Angeles for her

efforts at recovery and consolidation of the past work of Commission II.

11:15-12:00 Palynofacies WG

(Convener: João Graciano Mendonça Filho)

The palynofacies working group was initiated in 2011 at the Porto meeting because palynofacies is such an integral part of organic petrology and therefore it is necessary to better integrate this discipline and its techniques into the efforts of the ICCP. João presented a detailed proposal for a multi-year round robin exercise that would consist of four distinct elements, each using transmitted light analysis on different organic components: 1) Phytoclast Group, 2) Palynomorph Group, 3) Amorphous Group, and 4) all three groups combined. Participants will be required to make transmitted light petrographic point counts on the different organic components and compare the results to the identifications in reflected light. The first round robin exercise in 2013 will be attempted on strew mounts prepared in his laboratory and sent out to interested participants. Persons who would like to participate in the 2013 exercise are encouraged to contact João at graciano@geologia.ufrj.br to receive the strew slides.

Commission II congratulates João for the activity in this new working group which will generate important results, linking transmitted light palynofacies techniques with the traditional reflected light microscopy analysis used in organic petrology investigations.

12:00-12:10 Dispersed Organic Matter White Paper

(Organizer: Maria Hamor Vidó,

Presenter: Paul Hackley)

On behalf of Maria, Paul summarized the status of the Dispersed Organic Matter White Paper from the minutes of the 2011 Porto meeting. At that meeting, a plan had been developed to finalize the effort, which began in 1997. The overall goal is to complete and publish the white paper, which discusses dispersed organic matter in sedimentary rocks over six chapters with 63 pages, and includes information on sedimentary rock classification, identification and thermal maturity, among other subjects. At the Porto meeting it was decided that the reference list needed to be completed and that no photomicrographs will be included. However, no further efforts to complete the white paper have

developed since the Porto meeting. The discussion in Beijing recognized that the work may need significant updating at this point or it should be abandoned and it was requested that the convener have a plan to update and finalize the work at the 2013 meeting in Poland.

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

12:10-12:30 **Gas Shale Studies WG**

(Convener: Lila Gurba)

Lila gave an overview on the gas shale working group which was established at the 2010 ICCP meeting in Belgrade. The objective of the working group is to monitor and provide updates related to organic petrology applications in shale gas exploration and development. She presented a preliminary table of contents for a shale gas chapter for the ICCP Handbook which would include sections on the origin of the term shale gas and related terms, sections on carbonaceous shale, mudstones, definitions, physical properties, organic matter (fluorescence, thermal maturity, type of organic matter), mineral matter, chemical properties, depositional environment, occurrence, and a bibliography. Lila will contact the conveners of the various relevant ICCP Working Groups for contribution. A substantial bibliography already was donated to the effort by Brian Cardott. Interested persons should contact Lila at l.gurba@unsw.edu.au to work on aspects of the Handbook chapter as per their expertise and interest. At the meeting in Beijing 15 members signed-up for this group.

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

12:30-13:30 Lunch - Shang Yuan Hall, No.5 Building

13:30-14:10 **DOM Atlas**

*(Convener: Vern Stasiuk,
Carolyn Thompson-Rizer et al.,
presenter Angeles Borrego)*

Angeles presented a review and navigation of the Dispersed Organic Matter Atlas which is a joint product of TSOP and ICCP on CD-ROM. Angeles demonstrated through her review comments that the atlas is still incomplete and needs significant revision and inclusion of additional photomicrographs before it should be released. Henrik Petersen had also provided a review of the Atlas since the 2011 Porto meeting and made several comments related to items that are

necessary for improvement. João kindly agreed to provide some of the necessary photomicrographs to complete the atlas, which are needed in a variety of illuminations and conditions. Colin Ward, representing the TSOP Research Committee which has financially supported development of the Atlas, requested that the photomicrographs and revisions should be delivered in a timely fashion to TSOP so as not to further delay production of the Atlas.

Commission II congratulates all of the involved parties for endeavoring to finalize this very useful publication in a timely fashion and thanks Angeles for leading the discussion through her review.

14:10-14:20 **Closing Remarks and Call for new WG Proposals**

(Paul Hackley)

The Acting Chair thanked all of the WG conveners and meeting participants for the achievements of the working groups and the fruitful discussions of the meeting. Commission II encourages all WG conveners to submit papers on WG achievements for publication in peer-reviewed journals such as the International Journal of Coal Geology as well as to upload the reports and products of their working groups to the ICCP Commission II website. An invitation for new working groups was issued and no new ideas arose. The Acting Chair reminds ICCP members that proposals for new working groups can be circulated to the ICCP Commission II Chair or Secretary at any time during the year and it is not necessary to propose ideas for new working groups only during the annual meeting. Commission II was concluded at 14:20 September 17th with an invitation to see everyone next year in Poland.



Kuili Jin (left), Shifeng Dai, Tang Yuegang and Lila Gurba at the conference dinner

Minutes of Commission III
Industrial Applications of Coal Petrology
64th ICCP Meeting, Xijiao Hotel, Beijing
September 17 – 18, 2012

Chair: Dr Isabel Suárez-Ruiz
isruiz@incarc.sic.es

Secretary: Dr Georgeta Predeanu

Acting Secretary: Magdalena Misz-Kennan
magdalena.misz@us.edu.pl

Monday - 17th September

14:20-14:30 Opening address

The opening address of ICCP Commission III, Industrial Applications of Coal Petrology started with welcome and presentation of a new schedule of work for Commission III for Monday and Tuesday. Isabel presented the updates on the activities of individual working groups and their activity in the past years. Magdalena Misz-Kennan was acting as a secretary in the absence of the secretary Georgeta Predeanu.

The Commission III meeting started at 13:30 in Conference Room 8-9, No. 1 Building, on Monday September 17th and was attended by 24 participants.

14.30-15.30 Fly Ash Working Group

(convenor: Isabel Suárez-Ruiz)

Isabel presented the main objectives and past activity of this Working Group since its establishing. She also presented and discussed a modified classification of fly ash organic and inorganic components that was shown during ICCP Meeting in Belgrade in 2011. During that meeting a new Round Robin Exercise was carried out during the meeting. Isabel presented the results of the exercise that was carried out on much smaller number of pictures (25 pictures) than previous exercises (200-300 pictures). All people taking part in that meeting were asked to do the exercise that results were presented by Isabel. The members of the WG that absent during the Meeting, performed the exercise at later time. The results were less accurate than during previous exercises despite the fact that the fly ash classification was simpler than in previous years. At the end she presented conclusions for analysts performance. She suggested preparation of the Atlas of fly ash components based on images from exercises 2007, 2009 and 2011 with a level of agreement is: $AG \geq 80-100$ and its distribution of the images of

this preliminary Atlas among all the participants in the WG. She also suggested doing more exercises to improve our knowledge with the information of images included in the pre-Atlas. Prof. Kuili stated that fly ash carbon WG is very good and suggested adding some more work. He found carbon groundmass in products from coal combustion at temperatures from about 800 to over 1000°C. Isabel asked him to provide her with some pictures of images taken under microscope. Angeles Gomes-Borrego stated that Isabel should be too pessimistic about the results and also be easier with evaluation. Peter Crosdale suggested that smaller number of pictures in 2011 exercise comparing to previous years might have influenced statistics. Isabel suggested Chinese friends to join the WG. People interested in the activity of this WG should contact Isabel Suárez-Ruiz isruiz@incarc.sic.es

The presentation by Isabel was followed by coffee break.

15:30-16:00 Coffee Break - No. 1 Building Lobby

16.00-16.45 Self-Heating of Coal and Coal Wastes Working Group

(convenors: Magdalena Misz-Kennan,
Jolanta Kus, Deolinda Flores)

Magda presented the past activity of the working group since its establishing in 2008. She discussed the problems connected with recognition of individual forms of transformed organic matter in coal wastes. She also presented the modified classification of these forms that resulted from discussion on identification, terminology and classification of the organic forms. Magda presented the aims and scopes of 2012 Round Robin Exercise. The results of that exercise were good. This year the problem was not how to name the forms but was how to present the form that should be recognized. The problem was if the whole particle should be recognized or only that what is under the cross-hair of microscope ocular. Isabel suggested that during the microscopic analysis using point counter we recognize that what we have under cross hair and for that reason in future exercises we should recognize only that form that is under cross hair. Magda said that as only few participants of this WG was attending the Beijing ICCP Meeting, she will send the report of this year Round Robin Exercise to all participants for their comments shortly after the meeting. The comments will be incorporated into next year Round Robin

Exercise. The exercise will be carried on 30-40 pictures. The report will be presented during our next meeting in Poland and by the middle of 2014 a draft paper will be prepared and send to all participants for their comments. The paper will be sent for publication in e.g. International Journal of Coal Geology. That will end the activity of Self-Heating Working Group on coal wastes. In 2014 we start working on self-heating of coal heaps and seams or identification of mineral phases in self-heating coal wastes.

Magda suggested Chinese people to join this WG. Anybody interested in the activity of this WG should contact Magdalena Misz-Kennan magdalena.misz@us.edu.pl.

16.45-17.15 **The Microscopy of Carbon Materials Working Group**

(convenors: Georgeta Predeanu and Cornelia Panaitescu)

Magda presented the activity of the Microscopy of Carbon Materials WG on behalf of Georgeta Predeanu and Cornelia Panaitescu that were absent. First she main objectives of this WG, its past activity, the aims, classification scheme, comparative evaluation of the results in the 2009-2011, performance of the participants in the 2009- 2011. Further exercise (2012) will focus to carbon materials used in aluminium industry (anodes and cathodes blocks) which petrographic composition depends on the grain size distribution of the blended solids (petroleum coke, anthracite and the quality of the binding material (pitch). The samples were provided in June 2012 and will be prepared for microscopic investigation and send to the participants early next year. Any comments on the activity of this WG should be sent to Georgeta Predeanu gpredeanu@yahoo.com and Cornelia Panaitescu corneliapanaitescu@yahoo.com.

Isabel thanked Magda for presenting the material on behalf of Georgeta and Cornelia.

17.15-17.30 **Automation Working Group**

(convenor: Barry Jenkins)

Isabel presented the activity of this WG on behalf of Barry Jenkins who is the convenor of this WG since 2010. The objective of this WG was to establish that automated petrographic systems (programmable devices to automatically collect data on coal) can characterize coals using similar criteria to those used in conventional petrography. In 2011 Barry Jenkins was preparing an exercise. In

2012 Isabel got e-mail from him in which he has not been able to do anything of substance for the WG since June and he offered his resignation. In such circumstances as this WG was semi-active for years but no information was released and no information is available for the ICCP archives, Isabel suggested closing of this WG. Her suggestion was accepted.

17.30-17.45 **Coke Petrography Working Group**

(convenors: Heike Eickhoff

C. Barriocanal and Alan Cook as supporters)

Isabel presented the activity of this WG on behalf of Heike Eickhoff. She presented the past activities of this WG. In 2011 there was no activity in this WG. Isabel read e-mail from Heike resigning from the WG and suggesting Lauren Johnson as a new convenor and she agreed. Isabel thanked her for agreeing to convey this WG. All existing information on the WG will be send to her and she will suggest what should be done in future in this WG. Lauren is currently working with Heike. Isabel asked her to write her the ideas and the proposal about the activity of this WG that will be included in the coming ICCP News Letter. People interested in this working group should contact Lauren Johnson.

17.45-18.00 **Improved Image Analysis Working Group**

(convenor: Christina Rodrigues)

Isabel presented the activity of this WG on behalf of Christina. In 2012 there was no activity in this WG. This year Isabel obtained e-mail from Christina apologising for not activity on this WG. In such circumstances Isabel will contact Christina about the future of this WG. There is a great believe that this WG should continue. People interested in this WG should contact Christina Rodrigues.

The meeting finished at 18.00.

Tuesday - 18th September

The Commission III program resumed on Tuesday 18th September at 09:00 in the morning with 19 attendees participating in Conference Room No. 8-9 of No. 1 Building, Xijiao Hotel, Beijing.

9.00-10.15 Coal Blends Accreditation Program CBAP-2011/12

(convenor: Isabel Suárez-Ruiz)

The objective of Coal Blends Accreditation Program is to accredit coal petrographers in coal blend analysis by using conventional (manual) microscopic methods.

Isabel presented the items that have to be determined during accreditation exercise and the evaluation process and management. She presented the results of the last CBAP and problems connected with evaluation of results. She also made recommendation for further exercises. One of the problems is that people do not fill all the forms and do not send the data on time, before deadline. Judith suggested that sending completed data on time should be one of the criteria of evaluation. She also suggested formula into the spread sheet that might help participants to fill the form. Deolinda said that this must be written clearly that all the data must be written clearly and complete. The basic reason of evaluation is establishing the number of coals in the blends. If that is wrong, the participant will not get accreditation. Various suggestions were given how to help participants with filling the forms correctly, e.g. if the form is filled properly, the spread sheet will flash with colour. Angeles also suggested that the restrictions cannot be too strong otherwise we will lose participants.

Prof Kuili: The work of the group is very important. To use 0.7% R_r instead of 0.6% might be better. Isabel said that during the meeting in Utrecht was decided to increase the rank. We cannot use lignite because it will oxidize easily during its transport. Isabel stated that she is making blends that individual coals would be easily distinguished. Judith suggested that misunderstanding is because of not enough precise wordings used in description of the exercise. Stavros suggested to add information into instruction of the exercise that not proper filling the tables will result in not accrediting the person. The discussion finished with information provided by Isabel on coals available and ready to be blended for next exercise. She usually needs 40kg, but 25 kg is also acceptable. These must be simple coals and of low sulphur content. She also invited people from China to join this accreditation program and provide her with samples.

10.15-10.45 Gasification Products Characterisation Working Group

(Convener: Nikki Wagner)

Isabel presented the report on the WG on behalf of Nikki Wagner that was absent. The report included the tasks and time frame of this WG. Four participants took part in 2012 exercise. The exercise included the classification of gasification residues, pictures of various form of gasification residues and spread sheet. As Nikki got response from 4 participants, she is doubtful if it is possible to make any conclusions, especially that the response from each participant was very different. As there is limited support for this WG and limited number of participant are participating in it, the question is if we should close this WG or continue creating a similar exercise that will be distributed in February 2013. Isabel suggested getting more participants and continue with this group. She will push participants to attend this group. People from China are also very welcomed to this WG. It was also suggested to Chinese people to send Nikki samples of gasification residues that could be used in this WG. There is a strong believe that this WG should continue. People interested in this WG should contact Nikki Wagner Nicola.Wagner@wits.ac.za.

10.45-11.05 Closing remarks

(Isabel Suárez-Ruiz)

Isabel thanked all the WG conveners and meeting participants for their work in the working groups. She summarized the activity of the individual WGs in the last year. She also enhanced people to participate in the WGs and invited people from China to them. An invitation for new working groups was issued and no new ideas arose.

The meeting of Commission III ended at 11.05 on September 18th.



At the microscope session (photo Lopo)

Appendix 2 - List of Participants

1	Alpana Singh	India
2	Angeles G. Borrego	Spain
3	Antonis Bouzinos	Australia
4	Arndt Schimmelmann	USA
5	Atsuo Aihara	Japan
6	Barbara Bielowicz	Poland
7	Beilei Sun	China
8	Carlos Hoffmann Sampaio	Brazil
9	Congqiang Liu	China
10	Cuiliang Zhao	China
11	Dahua Li	China
12	Dao Zhou	China
13	Deolinda Flores	Portugal
14	Dirk Prinz	Germany
15	Eduardo Osorio	Brazil
16	Fangui Zeng	China
17	Guijian Liu	China
18	Gulbin Gurdal	Turkey
19	Hamed Sanei	Canada
20	Henrik I. Petersen	Denmark
21	Hongmei Wang	China
22	Huan Kang	China
23	Huidong Liu	China
24	Irena Kostova-Dineva	Bulgaria
25	Isabel Suarez-Ruiz	Spain
26	Iwona Jelonek	Poland
27	Jian Li	China
28	Jian Kang	China
29	Jianvong Qiao	China
30	Jie Sui	China
31	Jieqing Tan	China
32	Jingdong Mao	USA
33	Jinxing Dai	China
34	Joana Paula Machado Ribeiro	Portugual
35	João Graciano Mendonça Filho	Brazil
36	Johan Joubert	South Africa
37	Judith Potter	Canada
38	Krystyna Kruszezwska	Poland

39	Kuili Jin	China
40	Lauren Johnson	Australia
41	Lei Zhao	China
42	Licai Zheng	China
43	Lila W. Gurba	Australia
44	Lixin Zhao	China
45	Lopo Vasconcelos	Mozambique
46	Magdalena Misz-Kennan	Poland
47	Małgorzata Piechaczek	Poland
48	Meifen Li	China
49	Mingquan Zhang	China
50	Ningning Zhong	China
51	S. P. Ranasinghe (Paddy)	Australia
52	Paul C. Hackley	USA
53	Paula Alexandra Sá da Silva Gonçalves	Portugal
54	Peter John Crosdale	Australia
55	Petra David	Germany
56	Pingtong Zhang	China
57	Polla Azad Abdulla Khanaqa	Iraq
58	Qiang Wei	China
59	Qiaojing Zhao	China
60	Ralph Delzepich	Germany
61	Ricardo Ruiz Monroy	Colombia
62	Rudolf Schwab	U.K.
63	Sandra Mónica Paulo Rodrigues	Portugal
64	Shaoqing Wang	China
65	Shengfei Qin	China
66	Shenglin Sun	China
67	Shifeng Dai	China
68	Shoucheng Han	China
69	Stavros Kalaitzidis	Australia
70	Suping Peng	China
71	Tatiana Milena Juliao Lemus	Colombia
72	Thomas Gentzis	Canada
73	Tieguan Wang	China
74	Vladimir Seredin	Russia
75	Walter Pickel	Australia

76	Wei Cheng	China
77	Weijiao Song	China
78	Weiwei Li	China
79	Wenhui Liu	China
80	Wenxue Zhang	China
81	Xia Li	China
82	Xianxu Hou	China
83	Xiao Li	China
84	Xiaolei Yu	China
85	Xibo Wang	China
86	Xin Guo	China
87	Xin He	China
88	Xueqin Wen	China
89	Xueshen Zhu	China
90	Xukun Lu	China

91	Yangbing Luo	China
92	Yaodong Jiang	China
93	Yaofa Jiang	China
94	Yichuan Wang	China
95	Yong Qin	China
96	Yu Liu	China
97	Yuan Yuan	China
98	Yucheng Chai	China
99	Yuegang Tang	China
100	Yupeng Yao	China
101	Yuzhuang Sun	China
102	Zhenkai Huang	China
103	Zhiun Jin	China
104	Zhiwei Wang	China

Minutes of the 64th Meeting of the International Committee for Coal and Organic Petrology (ICCP)
September 15 - 24, 2012, Beijing, PR China

Appendix 3 - New Members

Dr. Polla Khanaqa (A1, 2, 3)
Kurdistan Institution for Strategic Studies and
Scientific Research (KISSR)
Sulaimani, Qrga - (near Shoresh hospital)
Kurdistan Region
Iraq
Ph: +964 (0) 7701539787
mailto:drpolla@hotmail.com



Assoc. Prof. Polla Khanaqa was born in Kirkuk-Kurdistan, but left in 1979 to Germany. There he pursued his education and in 1997 he obtained a Ph.D. in geology from the Georg-August University of Göttingen with studies on degradation of plant materials in north German peats.

Five years after completing his PhD, he completed post-doctoral studies at the same university. In 2005 he established the Kurdistan Institution for Strategic Studies Scientific Research (KISSR) which has now three active centres and many departments in Kurdistan.

Mr. Peter Handley (A1, 2, 3)
BHP Billiton Mitsui Coal Australia
6 Iyvmount Street Nathan
Qld 4111
Australia
Ph. +61 (0)417 907 627
mailto:Peter.J.Handley@bhpbilliton.com



Peter Handley graduated from Queensland Univertyy of Technology with a BSC (Hons) in Geology. He has extensive industry experience in coal geology, working as an exploration geologist, mine geologist and resource geologist primarily for BHP-related

projects in the Permian coal deposits of the Bowen Basin, Queensland. He is currently principal resource geologist for BHP BMC where he is responsible for resource models, managing geological data and assessing exploration plans.

Prof. Dr Tang Yuegang (A3)
 China University of Mining and Technology
 (Beijing)
 D11, Xueyuan Road, Haidian District
 Beijing 100083
 P.R. China
 Ph: +86-13701075155
 Fax: +86-10-62339302
 mailto:tyg@cumtb.edu.cn
 mailto:tyg@vip.163.com

Prof. Yuegang mainly studies coal petrology coal geochemistry. He has a PhD Degree of Coal, Oil, and Gas Geology, Beijing

Graduate School of
 China University of Mining and
 Technology.
 Thesis title: Study on Pyrite
 Mineralogy,
 Magnetism and its
 desulfurization in Late Permian
 coal, Sichuan Province, China.



He has published more than 50 papers in international and Chinese journals and is the leader in the field of Chinese coal petrology. Dr. Tang is also active in joining the ICCP meeting for many years and was the co-Chair of 2012 Beijing ICCP meeting.

Minutes of the 64th Meeting of the International Committee for Coal and Organic Petrology (ICCP)
 September 15 - 24, 2012, Beijing, PR China

Appendix 4 - Treasurer's Report

ICCP Treasurer's Report August 1, 2011 – July 31, 2012

At the end of the fiscal year the finances of the ICCP look very healthy, mainly due to successful training courses in South Africa, Portugal and Australia, and also to the continuing success of the SCAP accreditation Program.

Table 1: Balance Sheet

Assets & Liabilities	July 2011	July 2012
<u>Canadian Account</u>		
Chequing Account	\$16,562.96	\$43,930.17
Savings Account	51,559.46	51,946.16
Cash	---	---
Total	\$68,122.42	\$95,876.33
Exchange rate at year end	\$1 = €0.7288 =€49,647.62	\$1 = €0.8104 =€77,698.18
<u>Euro Account</u>		
Chequing Account	€18,253.32	€24,047.79
Cash	1,224.83	936.00
SCAP Float	766.81	597.33
General Secretary	----	-191.97
President	426.69	426.69
Total	€20,671.65	€25,815.84
Balance in Euros	€70,319.27	€103,514.01

The account details for the financial year ending July 31st, 2012 are listed in Tables 1 and 2. Table 1 is the final balance sheet at year end which is compared with the balances of the previous year. There is an overall increase of €33,195 over the year. Table 2 is a summary of all receipts and expenditures in all accounts including cash transactions; Canadian dollar transactions have been converted into euros using the exchange rate at the close of July 31st, 2012 (\$1 Canadian = €0.8104).

Membership fees are slightly down from last year, with 51 members renewing their subscriptions. 16 members have yet to pay their dues for 2012 and 15 members have not paid for two or more years.

We are very grateful for the book royalty donations of €165.85 received from Dr. G. Taylor and Dr. Alan Davies. €293 have been collected for sales of ICCP publications and training material.

2012 is an accreditation year, and once again SCAP is very successful with a profit of €7,331. DOMVR also made a small profit. In contrast, the costs to operate CBAP are three times those of SCAP, and exceed the revenue it generates. Participants continuing in the CBAP and DOMVR programs did not have to pay this year as a compensation for the troubles caused with the delay of the previous round's results.

Table 3 shows the financial details of the last three ICCP Training Courses, it is obvious that the

fifth course, held recently in Brisbane, was very successful with fifty people registering for it.

Table 2: Income Statement as of July 31, 2012 in Euros. Canadian \$ amounts converted to Euros using exchange rate at end of July 2012. (\$1.00Canadian = €0.8104)

	Column 1 Can \$	Column 2 Euros	Column 3 Total in €
<u>Opening Balance – July 31/2011</u>			
Canadian Accounts	\$68,122.42		€55,206.41
Euro Accounts		€20,671.65	€20,671.65
TOTAL			€75,878.06
<u>Receipts:</u>			
Membership Dues			€1,071.48
Prepaid Membership			€1,537.50
Donation & Sponsorship			€165.85
Sales & Advertising			€293.12
Accreditation : SCAP			€7,866.60
DOMVR			€390.38
CBAP			€1,524.56
Organic Petrology Course			€51,242.33
Bank Interest Received			€313.38
TOTALS			€64,405.20
<u>Expenses:</u>			
Credit Card Charges			€1,609.76
Bank Charges			€544.90
Administration			€359.50
Accreditation: SCAP			€535.48
DOMVR			€65.30
CBAP			€1,650.81
Org. Pet. Courses			€30,244.40
Newsletter			€1,759.10
TOTALS			€36,769.25
FINAL BALANCE			€103,514.01

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

Most of ICCP's money continues to be held in Canadian dollars.

Table 3: Statements for ICCP Courses

Third Training Course – South Africa May 2011	
Received from RCA Conference Organizers	€11,582.80
Expenses paid out to Alan Cook and Claus Diessel	€2,147.29
Gain	€9,435.51
Fourth Training Course - Portugal September 2011	
Money collected	€15,863.29
Costs	
Field Trip	€720.00
Lunches	€1200.00
Publishers	€3633.00
Coffee Breaks	€847.50
Alan Cook's expenses	€2653.29
Hotel costs	€1625.00
Bank Charges and Credit card Charges	€616.78
Total Costs	€11,295.57
Gain	€4,567.72
Fifth Training Course - Australia August 2012	
Fees Collected (Canadian Dollars)	\$45,287.62
Costs (All in Canadian Dollars)	
Catering	\$6,486.48
Expenses for Claus Diessel and Walter Pickel	\$3960.59
Dinner Costs and Gifts	\$4808.81
Bank Charges and Credit card Charges	\$1237.46
Printing Costs and Mouse Pads	\$4350.76
Total Costs	\$20,844.10
Gain in Canadian Dollars	\$24,443.52
Gain in Euros	€19,809.03



Jinsuo Coal mine from the field trip (photo by M. Trippi)

Appendix 5 - Editor's Report

Short Report of the ICCP Editor 2011 - 2012 Financial Year

by
Dr Peter Crosdale

Activities for 2011 - 2012 Financial Year

ICCP News

Distribution

Two issues of ICCP News were made during 2011 - 2012 financial year, viz No. 53 August 2011 and No. 54 July 2012 (Table 1). During the year, the number of persons downloading the newsletter was constant at around 100. After rapid increases over the previous few years, this number appears to have stabilised (Table 2). In addition, one copy of ICCP News is deposited with the National Library of Australia, in keeping with the requirements of ISSN registration. Email advice of availability of the pdf version is sent to International Journal of Coal Geology and the TSOP Editor.

Table 1 Mail distribution by region

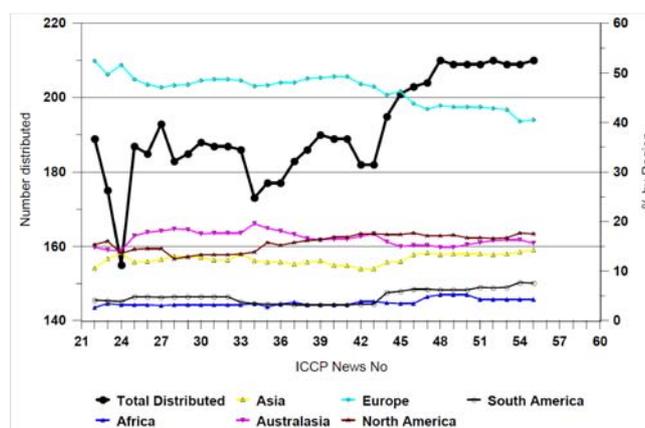
Region	ICCP News 53		ICCP News 54	
	No.	%	No.	%
Africa	3	3	3	3
Asia	19	17	20	18
Australasia	18	16	18	17
Europe	48	44	45	41
North America	19	17	20	18
South America	3	3	3	3
Total	109	100	109	100

Table 2 Web download only distribution by region

Region	# 50	#51	#52	#53	#54
	Africa	6	6	6	6
Asia	9	9	9	9	9
Australasia	15	16	16	16	16
Europe	41	41	41	41	39
North America	16	16	16	16	17
South America	10	11	11	11	13
Total	97	99	99	99	100

Memberships trends can be derived from the distribution of the ICCP News. These records have been kept since ICCP News #21 in November 2000. No similar historical trend data appears to be available from other sources. Membership has been

relatively stable at a little over 200 since 2009. A large fall in 2001 was associated with many members being removed due to non-payment of fees. However, many of these persons were subsequently recovered in 2002. There has been a substantial increase since 2007 which has been driven by an increase in the number of non-European members.



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

Format and content

The basic format of ICCP News, established in ICCP News No. 22 (October 2000), has remained unchanged.

Table 3 Summary of contributions to ICCP News by type

	2011 - 2012		
	no. items	no. pages	% pages
News from Commissions	1	.25	0
News from Council (Ed/ Pres/ Treas)	5	2.5	3
Meeting minutes	1	33	40
Next Meeting Information	2	18.25	22
Accreditation	1	1.5	2
Other ICCP Information	18	24.25	30
Scientific Articles	0	0	0
Other Articles	1	1	1
Miscellaneous (KYCP etc)	5	1.25	2
Total	34	82	100

Content for the 2 issues has been categorised (Table 3) and some statistical information provided. Apart from working group reports, contributions from members still requires a substantial effort to attract items. This effort includes both a general email-out to all members about one month prior to printing as well as targeting particular members for contributions. The Chairs of the Commissions are also reminded 4 to 6 weeks prior to printing for news of working group activities or other relevant commission information. A close liaison is also maintained with the convenor of the upcoming meeting to ensure that timely and relevant information is published.

Advertising

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

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

* a 10% discount applies to ICCP members

No paid advertisement was made in 2011 - 2012, advertising a book. In accordance with ICCP Council Resolutions made in Utrecht, a number of extended conference promotions had been placed at no charge. It was considered that these meetings were of high importance and direct relevance to ICCP Members and their extended promotion would be useful in advancing our science.

Costs

Expenses incurred in production and distribution of ICCP News during 2011 - 2012 are detailed in Table 4. Monitoring of costs has continued since a steep rise in 2004 - 2005 from 0.15 to 0.21 to 0.29 AUD per page. The printing costs are now stable at around 0.08 to 0.09 AUD per page. The per copy costs were \$4.06 and \$9.32 AUD for issues 53 and 54 respectively.

Reconciliation of budgeted versus actual costs The Editor's report for 2010 - 2011 provided estimates for the 2011 - 2012 year. These estimates are reconciled with the actuals in Table 5.

Table 4 *ICCP News Costs in AUD*

Year	2011	2012
Newsletter No.	53	54
No. Pages	20	64
No. Copies printed	115	115
Printing	249.32	564.23
Postage - international	198.95	478.83
Postage - domestic	19.20	28.80
Stationery - envelopes	0.00	0.00
Stationery - labels	0.00	0.00
Total	467.47	1071.86

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

Item	Number of pages		Number of copies printed		Total cost per page (AUD)		Total Cost AUD	
	B	A	B	A	B	A	B	A
ICCP News 53	20	24	115	115	0.21	0.20	483	467
ICCP News 54	64	60	115	115	0.17	0.15	1104	1072
ICCP News 55	28	0	115	0	0.15	0.00	547	0
Directory	24	0	210	0	0.13	0.00	655	0
Miscellaneous							50	0
Total	136	84	555	230			2839	1539

Actual expenditure was \$1300 AUD lower than budgeted. This is a result of producing 2 instead of 3 newsletters and not producing a new membership directory as budgeted for.

Proposals for 2010 - 2011 Financial Year

ICCP News - Number of editions

Two editions of ICCP News were produced in 2011 - 2012 and it is proposed to again produce 3 ICCP News editions for 2012 - 2013, #55 August 2012, #56 November 2012 and #57 March 2013. At the time of writing, ICCP News #55, August 2012 has been completed and distributed.

ICCP Directory 2012

A new ICCP Directory is scheduled for 2012 in collaboration with the General Secretary and Treasurer.

Budget estimates for 2012 - 2013

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

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

Item	Number of pages	Number of copies printed	Cost per page (AUD)	AUD
ICCP News 55	16	115	0.26	480
ICCP News 56	64	115	0.15	1104
ICCP News 57	28	115	0.17	547
ICCP 2013	24	210	0.13	655
Directory				
Miscellaneous ^a				50
Total Projected				2836

Notes: ^a Miscellaneous items include CD ROMs, additional postage and stationery during the year and other small items.

Peter Crosdale

Minutes of the 64th Meeting of the International Committee for Coal and Organic Petrology (ICCP)
September 15 - 24, 2012, Beijing, PR China

Appendix 6 - Summary Council Minutes

Short Minutes of the Council Meeting 64th ICCP Meeting in Beijing, PR China, September 15 - 22, 2012

Council Meeting at 15.00h on 14th September and at 19.00h on 17th September.

Members of Council present, **Petra David**, President, **Angeles Gómez Borrego**, General Secretary, **Henrik I. Petersen** Vice-President, **Peter Crosdale**, Editor, **Deolinda Flores**, Chair Commission I, **Stavros Kalaitzidis**, Secretary Commission I, **Paul Hackley**, Secretary Commission II, **Isabel Suárez Ruiz**, Chair Commission III,

Apologies: **Jennifer Pearson**, Treasurer; **Carla Araujo**, Chair of Commission II; **Georgeta Predeanu**, Secretary of Commission III.

2. Minutes of Previous Meeting

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

Resolution ICCPC12/2/1. Council approves the Council minutes as circulated.

Resolution ICCPC12/2/2. Council approves the Plenary Session minutes as printed in the ICCP Newsletter.

4. Future meetings

A checklist was submitted by Dr. Ashok K. Singh following the invitation from Central Inst. of Mining & Fuel Research, CSIR National Laboratories to held the 66th ICCP Meeting in

Kolkata, India.

Resolution ICCPC12/4/1. Council thanks the organizers for invitation and approves to hold the 2014 Meeting in India.

5. Revision of the Statutes

Resolution ICCPC12/5/1. Council notes the continuing need for revision of the Statutes and for co-ordination with the registration process.

6. Elections

Resolution ICCPC12/6/1. Council congratulates Magdalena Misz-Kennan for election as Secretary of Commission III.

7. Editor

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

Resolution ICCPC12/7/1. Council receives the report of the Editor and congratulates him on the presentation of the Newsletter.

Resolution ICCPC12/7/2. Council approves spending by the editor in accordance with the budget estimates given in the Editor's Report

8. Treasurer's Report

The Treasurer's Report as shown in Appendix 4 was presented to the Council

Resolution ICCPC12/8/1. Council
i) receives the report presented by the Honorary

Treasurer

ii) agrees that the report represents a fair statement of the financial affairs of the ICCP and congratulates the Honorary Treasurer on the report.

11. Accreditation

Resolution ICCPC12/11/1 Council receives the report of the Chair of the Accreditation Sub-Committee and congratulates her on the report.

12. ICCP Training Activities

Resolution ICCPC12/12/1. Council notes the large involvement of Joan Esterle as organizer and of the ICCP Vice-President as responsible for the training activities in the organization of the training course on Coal and Organic Petrology and congratulates them for the work. Council notes the enormous amount of work involved in teaching the intensive ICCP course and express that ICCP is deeply in debt with Dr. Claus Diessel and Dr. Walter Pickel for having accepted this challenge.

13. ICCP Website and image database

Resolution ICCPC12/13/1. Council supports the new website design as presented 2011 in Porto.

Resolution ICCPC12/13/2. Council notes the large involvement of Ralph Delzepich in the development and hosting of the ICCP website and thanks him for his efforts. Council request the President to contact Ralph to inquire costs for development and hosting of the website.

Resolution ICCPC12/13/3 Council requests the implementation of the new website layout.

16. Organic Petrology Award

Resolution ICCP12/16/1. Council approves the Thiessen Award Committee election of Prof João Graciano Mendonça Filho for the 2012 Organic Petrology Award.

Minutes of the 64th Meeting of the International Committee for Coal and Organic Petrology (ICCP)
September 15 - 24, 2012, Beijing, PR China

Appendix 7 - Organic Petrology Award

LAUDATION

Laudation for the Presentation of the 2012 Organic Petrology Award to Prof. João Graciano Mendonça Filho

The International Committee for Coal and Organic Petrology is honoured to present the 2012 Organic Petrology Award to João Graciano Mendonça Filho.

João Graciano is one of Brazilian's leaders in the field of the organic petrology and geochemistry related to Oil Exploration, including Petroleum Geochemistry, Palynofacies and Organic Facies, and Environmental Organic Geochemistry.

He was born in Brazil in 1964. His first degree was a Bachelor in Geology from the Federal University of Paraná-UFPR (Brazil). He earned a Masters Degree in Geology with a specialization in Organic Petrography and Geochemistry in 1993 from the Federal University of Rio Grande do

Sul-UFRGS (Brazil) and a PhD in Organic Facies Evaluation in 1999 at the same University. In the same year he started his activities as a Professor at the Federal University of Rio de Janeiro (UFRJ) where at the moment he is Dean of Mathematical and Natural Sciences Center. He has also held other prominent positions such as Vice-Dean of Mathematical and Natural Sciences Center, Director of Geosciences Institute; Head of the Geology Department; and Post-Graduation Director of the Geosciences Institute.

João Graciano develops his research at the UFRJ in the following areas of expertise: Petroleum Geochemistry; Palynofacies & Organic Facies; Organic Petrology; Environmental Organic Geochemistry; Coal Petrology; Applied Micropaleontology: Palaeo-ecology, Palaeo-oceanography, Sequence Stratigraphy; Geomicrobiology and Biogeochemistry. He is the coordinator of the Palynofacies and Organic Facies and Petroleum and Environmental Geochemistry

Laboratories from the UFRJ, Brazil. These labs were assembled by João Graciano and he also implemented the palynofacies and the organic petrography and geochemistry techniques. He is supported by 28 collaborators. The laboratories also execute projects for and give services to industry, mainly Petrobras Oil Company. Besides this, he also coordinates the research groups of the Petroleum and Environmental Organic Geochemistry and Palynofacies and Organic Facies at the National Council for Scientific and Technological Development.

As Associate Professor in the Federal University of Rio de Janeiro he teaches from graduate to post-graduate levels several subjects of his expertise areas. He is/was supervisor or co-supervisor of many PhD and Masters theses, bachelor works and postdoctoral fellows. He has shared his enthusiasm for Science through the presentation of a number of short-courses and courses in Brazil, Portugal and Ecuador, two of them within the ICCP Annual Meetings.

João Graciano has published a significant number of scientific articles in ISI journals and Brazilian peer review journals, and numerous extended abstracts in international and national scientific meetings. He has also authored seventeen book chapters.

Since 2007, João Graciano is a full member of the ICCP. Within Commission II activities he has been very active in the last years in many working groups such as Thermal Indices; Identification of Dispersed Organic Matter; Qualifying Vitrinite for DOM Identification of Primary Vitrinite; Qualifying Vitrinite for DOM Reflectance Analysis; and Dispersed Organic Matter in sedimentary rocks: Classification, identification and thermal maturity. White Paper. As Convener of the Organic Matter Concentration Working Group he has organized the 2007, 2008, 2009, 2010 Exercises. The results were published in 2010 in the International Journal of Coal Geology. He is also convener of the Palynofacies Working Group.

He took part of the Organizing Committees of the 52nd ICCP Meeting, Rio de Janeiro, Brazil, 2000 and the Joint 61st ICCP / 26th TSOP Meeting, Gramado, Brazil, 2009. He was also Guest Editor of the Special Volume (Volume 84, Issues 3–4, Pages 153-310) of the International Journal of Coal Geology published with selected papers presented in the 61st ICCP / 26th TSOP Meeting.

His excellent accomplishment in the 4th ICCP Training Course (ICCP Training Course on Dispersed Organic Matter, September 2011, Porto, Portugal) and the contents prepared for this course

(118pp), co-authored by his research team needs to be emphasised.

For his inspirational dedication to the science of organic petrology and organic geochemistry, his engagement in teaching, dissemination and promoting organic petrology and last but not least his enthusiasm and performance on the ICCP activities that of course are supported by his research ICCP is pleased to present the 2012 Organic Petrology Award to Prof. João Graciano Mendonça Filho.



Prof. João Graciano Mendonça Filho congratulated by ICCP President Petra David (right) and General Secretary Angeles Gomez Borrego (left) for receipt of the Organic Petrology Award

RESPONSE TO THE LAUDATION

Dear Colleagues!

I am deeply honoured to have been selected as the recipient of the organic petrology award. I am sincerely grateful for the recognition from the ICCP and the members of the council, and the Award Committee.

I should recognize I was a bit astonished when I knew about my nomination, because I believe that other organic petrologists deserve this reward as well.

However, so again I want to express my gratitude for the responsible for this nomination. I am very pleased to receive such an award recognizing my skills and achievements as a professional. I can't express all my excitement and inspiration with this award.

Allow me to tell you a little of myself: I am Bachelor in Geology from the Federal University of

Paraná (1990), Master in Organic Petrography and Geochemistry (Federal University of Rio Grande do Sul-UFRGS, 1993), and PhD in Organic Facies (UFRGS, 1999). During my PhD, I was an exchange student at Karls Eberhard Universität Tübingen, Germany, and Fossil Fuels and Environmental Geochemistry Postgraduate Institute, at Newcastle University, Newcastle upon Tyne, England.

I work in Geosciences with an emphasis mainly in Petroleum Geochemistry, Organic Petrology, Palynofacies and Organic Facies, Biogeochemistry, and Environmental Organic Geochemistry.

I am professor at the Federal University of Rio de Janeiro (UFRJ – in Brazil) since 1999, and have been acting in both, the academic area, as well as in the graduate and post-graduate activities, besides some contributions in the administrative area, as Chief of the Geology Department, then Director of Geosciences Institute and currently, Dean of Mathematical and Natural Sciences Center.

As professor I have been responsible for many courses in my university (to graduate and post-graduate levels), these are: Organic Petrology, Petroleum Geochemistry, Biomarkers applied to petroleum exploration, Palynofacies and Organic Facies. Coordinate many R&D projects in petroleum exploration and coal research, besides being responsible for some international agreements at UFRJ.

I have a vast experience in coordinating and developing projects in the Oil and Gas fields.

Some of the Projects and Laboratories that I currently coordinate are: Laboratory of the Palynofacies and Organic Facies (LAFO) and Petroleum and Environmental Geochemistry (LAGEPA), at UFRJ. Research groups of the Petroleum Geochemistry and Environmental Organic Geochemistry and Palynofacies and Organic Facies at CNPq (National Council for Scientific and Technological Development). Recently, was classified as Level 1 Researcher for the National Council for Scientific and Technological Development (CNPq), which is an agency linked to the Ministry of Science and Technology (MCT), entity dedicated to foster scientific and technological research, and the formation of human resources for research in the Country.

Also, I have been the advisor of several Bachelor works in Geology at the Federal University of Rio de Janeiro, Master and PhD studies and research supervisor for post-doctoral research.

Contributed to the Graduate Courses and

Post-Graduate Programs in Geology from various universities in Brazil and Portugal.

During my time of formation, I have to thank my advisors in Master and PhD degrees, Professors Zuleika Carreta and Marleni Marques-Toigo (in memoriam) from the Federal University of Rio Grande do Sul (UFRGS), Brazil. Dr. Richard V. Tyson, at that time, from the Fossil Fuels and Environmental Geochemistry Postgraduate Institute, University of Newcastle, Newcastle upon Tyne, England. Besides this, I would like to thank Petrobras Research and Development Center (CENPES), mainly the Organic Geochemistry Manager, Dr. Marcio Rocha Mello, for his support in the development of my Master and PhD thesis. Besides the aforementioned activities at the university, I have extended my knowledge in training courses to students and professionals from the Oil and Gas Industry, as well as Coal Companies.

Since the implementation of Palynofacies and Organic Facies Laboratory (LAFO) and Petroleum and Environmental Geochemistry Laboratory (LAGEPA) at UFRJ in 2002, with the support of CNPq (National Council for Scientific and Technological Development), these laboratories have become international reference with an impact on educational component associated with graduate and post-graduate learning, leading to the formation of a highly trained team.

As a result, this has broaden its link with the industry, thus contributing in providing services to companies, as it is highly on demand by the oil and gas industry.

In this sense, I want to express my gratitude to Petrobras Research and Development Center (CENPES), by mentioning the names of the managers from the Organic Geochemistry Management (Luiz Antonio Freitas Trindade and currently, Mário Duncan Rangel), Biostratigraphy and Paleoecology Management (Sylvia Couto dos Anjos and currently, Oscar Strohschoen Junior), Sedimentology and Stratigraphy Management (Almério França and currently, Helga Elisabeth Voelcker), and Geosciences General Manager, Edison J. Milani.

My deepest appreciation for their support, through the R&D Projects, which allowed an improvement and qualification of these laboratories with the formation of highly trained professionals and consequently, a high level of research provided by this important support.

Now, I want to extend my gratitude to all my colleagues from ICCP and other institutions, who supported me in this nomination, mainly Deolinda

Flores, Angeles Borrego, Isabel Suárez-Ruiz, Lopo Vasconcelos, Petra David and Paul Hackley, for the opportunity to work with them and the chance of introducing me to ICCP.

Rector, Prof. Antonio Carlos Levi da Conceição, and Pro-Rectors, Angela Rocha and Débora Foguel from the Federal University of Rio de Janeiro, for their support for this nomination, and, of course, my team from Palynofacies and Organic Facies Laboratory who endure every day to make our work successful.

I want to give a special thanks to Taíssa Menezes for her unconditional support to pave the path for this nomination.

And once again I thank the Award Committee and ICCP Council for granting this award. Thank you very much!

João Graciano Mendonça Filho



Minutes of the 64th Meeting of the International Committee for Coal and Organic Petrology (ICCP)
September 15 - 24, 2012, Beijing, PR China

Appendix 8 - Symposium Programme

Oral Presentations

Listed Alphabetically

The sustainable development of Coalbed Methane in Alberta, Canada – A life-cycle approach to the production of energy. *Thomas Gentzis*

Coal seam gas generation model of the Gunnedah Basin, NSW, Australia. *Lila W. Gurba*

The classification and interpretation of coke textures. *Lauren Johnson*.

Characterization of lignite and anthracite using advanced solid-state nuclear magnetic resonance spectroscopy: higher ranks may not imply larger aromatic cluster sizes. *Jingdong Mao, Cao Xiaoyan, Li Yuan and Zhu Dongqiang*

Reflectance measurements on inertinite in coaly beds across the Triassic/Jurassic boundary: indications of wildfire types and increased fire frequency. *Henrik I. Petersen and Sofie Lindström*

Development of the coke optical properties in aspect of increasing coal blend density. *M. Piechaczek, R. Wasielewski and M. Rejdak*

Mercury contamination at the Latest Permian Extinction event. *Hamed Sanei, Stephen E. Grasby and Benoit Beauchamp*

Characterization of Mangrol Lignite (Gujarat), India - Petrology, palynology and palynofacies. *Alpana Singh, S. Mahesh, Hukam Singh, Surya K.M. Tripathi and Bhagwan D. Singh*

Research of petrology and quality analysis on scarce excellent anthracite of Xiaofalu at Zhaotong city in Yunnan Province of China. *Yuegang Tang, Li Zhengyue, Qin Yunhu, Wang Shaoqing, Zhu Shifei, Gao Weicheng, Guo Xin and Weil Qiang*

The ICCP petrographic data bank. *Lopo Vasconcelos*

Macromolecular structural characterization of Huolinhe and Yima Lignite by FT-IR. *Fangui Zeng, Li Meifen, Sun Beilei and Xiang Jianhua*

Poster Presentations

Listed Alphabetically

- Preliminary assessment of the usefulness of the Polish lignite in the gasification process according to its petrographic composition. *Barbara Bielowicz*
- Biomarkers as palaeoclimate proxies in peatlands from coastal high plains in Asturias, N Spain. *V. López-Dias, J. Urbanczyk, C. G. Blanco and A. G. Borrego*
- Influence of woody biomass on coal thermoplasticity. *M. A. Diez, N. Smatanova, E. Rodríguez and A. G. Borrego*
- Palynofacies and organic geochemistry of the Upper Jurassic succession of the Freixial-1 borehole (Lusitanian basin, Portugal). *Paula Alexandra Gonçalves, João Graciano Mendonça Filho and Deolinda Flores*
- Evaluation of coke structure by Raman Spectroscopy in relation to its optical texture. *A. Guerrero, M. A. Diez and A. G. Borrego*
- Reconnaissance evaluation of shale gas prospectivity, Lower Cretaceous Pearsall Formation, onshore Gulf Coast region, USA. *Paul C. Hackley, Catherine B. Enomoto, Krystina R. Scott, Brett J. Valentine, Celeste D. Lohr, Frank T. Dulong, Kristin O. Dennen and Hossein Alimi*
- Is vitrinite reflectance the wrong thermal maturity parameter for low maturity central Appalachian Basin Devonian shales? *Paul C. Hackley, Robert T. Ryder, Michael H. Trippi and Hossein Alimi*
- A quantitative study on micropore structure characteristics in the shale of the Qingshankou Formation, Songliao Basin. *Zhenkai Huang, Shuichang Zhang and Jianping Chen*
- Paleoenvironmental study of the coal seam 160 from the Los Cuervos Formation Paleocene integrating palynofacies and organic petrography data. *T.M. Juliao, M. Carvalho, I. Suárez-Ruiz, Robert Márquez*
- Influence of surface area properties on mercury capture behaviour of coal fly ashes from some Bulgarian power plants. *Irena Kostova, Christina Vassileva, Shifeng Dai, Stanislav Vassilev, Denica Apostolova and Valentina Darakchieva*
- Palynological and palaeocarpological aspects of the Neogene Achlada xylite deposits (NW Greece). *I.K. Oikonomopoulos, G. Kaouras, P. Antoniadis and T. Gentzis*
- Coal derived pyrite ash geochemical composition of an abandoned sulphuric acid production plant. *Marcos L. S. Oliveira, Colin R. Ward, Joao G. Mendonça Filho, Rubens M. Kautzmann, Sydney Sabedot and Luis F. O. Silva*
- Microscopy study of transformations occurring in biomass during torrefaction and carbonization for its incorporation into industrial processes. *J.G. Pohlmann, E. Osório, A. C. F. Vilela, M.A. Diez and A. G. Borrego*
- Characterization of self-combustion coal mining residues and its by-products in Arroyo Galladas waste pile (Leon, Spain). *Joana Ribeiro, Isabel Suárez-Ruiz and Deolinda Flores*
- Selection of anthracites for graphitization based on key parameters. *Sandra Rodrigues, Manuela Marques, Deolinda Flores and Isabel Suárez-Ruiz*
- Nanostructures development from heat treated anthracites. *Sandra Rodrigues, Joana Ribeiro, Manuela Marques, Deolinda Flores and Isabel Suárez-Ruiz*
- Interaction of hazardous elements binding on ultrafine and nanoparticles in coal fly ash: A synoptic review. *Luis F.O. Silva, Colin R. Ward, Marcos L.S. Oliveira, Joao G. Mendonça Filho, Shifeng Dai and James C. Hower*
- Characterization of industrial cokes' optical texture according to thermoplastic properties of their initial coal blends. *Łukasz Smędowski and Małgorzata Piechaczek*
- Infrared spectra: an additional tool to study organic matter input in peat bogs. *J. Urbanczyk, V. López Dias and A. G. Borrego*

Second Announcement



ICCP Course in Organic Petrology

Held at GeoLab,
Helmholtz Centre Potsdam
German Research Centre for
Geosciences - GFZ
Potsdam, Germany

June 10 – 14 2013



A new one week training program in organic petrology will be held in GFZ's GeoLab in Potsdam (Germany) in June, 2013. The event is a joint venture, initiated and endorsed by the International Committee for Coal and Organic Petrology (ICCP), German Geological Society (DGG), German Research Centre for Geosciences (GFZ), and the Rolf & Marlies Teichmüller Foundation.

The course will be centred on the petrology of coals with a particular emphasis on their petrography. It is held by outstanding and reknowned experts in the field. Practical instruction and technological importance will be stressed.

While a basic geological understanding is seen as a precondition, the course is designed for those with little or no particular knowledge of coal, its evolution and optical features. It is therefore suitable for established professionals, active scientists trying to enhance their spectrum of scientific methods, post-doctorates, post-graduate as well as undergraduate students who require a more thorough theoretical and practical understanding of coal and its petrography.

The course is centred on the petrology of coals with a particular emphasis on their petrography. Practical applications and technological importance will be stressed.

1. General Course Outline Introduction to organic petrology, its history, including an overview of the ICCP and the purpose of accreditation.
2. The concepts of coal rank, type and grade.
3. Introduction to sampling and sample preparation, the petrologic microscope, coal-petrographic entities and analytical methods, e.g. point counting, reflectance determination.
4. Coal Classification, ICCP, ISO, ASTM and others.

Course Outline
(subject to minor changes)

5. Biochemical and geochemical stages of coalification, their causes and effects; vitrinitisation versus fusinitisation; the effects of pressure, temperature and time.
6. Chemical and physical parameters of coal rank.
7. Palaeo-environmental signatures.
8. Some prerequisites of coal formation - the role of climate and floral evolution.
9. Peat-depositional environments and their effects on coal composition.
10. Coal-measure sediments including the floor and roof rocks of coal.
11. Coal measure sedimentology and the sequence stratigraphic setting of coalfields.
12. The tectonic setting of coal fields, including sedimentary and tectonic aspects of coal mining.
13. Introduction to carbonisation and coke petrology - the relationship between coke microstructure, carbonisation conditions and the source coal.

Presenters:

Dr Walter Pickel
Prof. em. Dr Claus F. K. Diessel

About the Instructors:

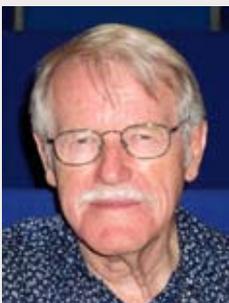


Walter Pickel received his PhD from the Rheinisch Westfaelische Hochschule (RWTH) Aachen, Germany in 1991.

He taught and worked at RWTH until 1998. Afterwards he joined CSIRO Petroleum in Sydney, Australia as a senior research scientist. In 2003 he joined Harold Read & Associates and co-founded Coal & Organic Petrology Services P/L in Sydney in 2004, a company of which he is the managing director.

Apart from teaching at Aachen University, he has been giving classes and workshops at Cologne University, in Chile, Indonesia and Australia. He was appointed visiting professor at the Instituto de Geologia Economica Aplicada –GEA at the University of Concepcion, Chile in 2000.

He is author/co-author of some 80 reviewed papers and abstracts. He is a member of the ICCP since 1991.



Claus Diessel was born in Stendal, Germany, and obtained his PhD from the Freie Universität Berlin in 1961. After a brief period of employment as coal petrologist at the Bergbau-Forschung in Essen-Kray, he joined the University of Newcastle in New South Wales, Australia, from which he retired as Emeritus Professor in 1992. Since then, he has worked as a private consultant.

Claus is a Fellow of the Australian Academy of Technological Sciences and Engineering (elected 1996) and Honorary Life Member of the Soci-

ety of Organic Petrology (TSOP) since 1998. He received the ICCP Reinhard Thiessen Medal in 1992 and the Baragwanath Plaque in 1990.

His research interests are centered on theoretical and applied aspects of coal geology, including the sedimentology of coal deposits, as well as the microscopy of coal and coke. In these fields, he has authored one monograph and contributed chapters to four other books. In addition, he has authored and co-authored some 150 research papers and review articles in both refereed and non-refereed journals and conference proceedings.

In addition to his lecturing commitments at the University of Newcastle, Claus has conducted workshops and provided in-service courses in Australia and abroad for various organisations, including the Australian Mineral Foundation, NSW Department of Mineral Resources, CRA Limited, Anaconda Australia Inc., AGIP Petroleum, Kalgoorlie School of Mines, Kembla Coal & Coke Co. Ltd., EXXON Production Research, and others.

Presentation of the course:

Printed notes will be available for the courses. Powerpoint presentations will be used for the lectures. Course notes will be distributed to each participant and a CD of the notes and Powerpoint presentations will be available.

Those who should attend:

While a basic geological understanding will be assumed, the course is designed for those with little or no particular 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 coal.

Certificates:

A Certificate of participation will be awarded to each person completing this course.

Enrolment:

Tuition fees are due and payable upon confirmed enrolment. The price for the courses is as follows:

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

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

Registration form:

Registration form is available at the ICCP website:
<http://www.iccop.org/>

Cancellation Refunds:

The tuition fee will be refunded (less the 10% registration fee) only if notification of cancellation is received at least 14 days prior to the commencement of the course. Non-payment of tuition fees does not constitute automatic cancellation of participation. Substitutions may be made at any time for those enrolled.

Payments:

Payment should be settled at the latest on Mai 1, 2013. Payments can be made by credit card or money order. After registration, participants will receive an invoice with further details.

Location:

Helmholtz Centre Potsdam
GFZ German Research Centre for Geosciences
Telegrafenberg
14473 Potsdam, Germany



The Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences has a good connection to the railway service and to the international airports of Berlin. From Berlin there is easy access by public transport. From Potsdam-Hauptbahnhof you can walk in 15 Minutes to Campus „Albert Einstein“.

A detailed location plan is available from the GFZ website:
<http://tinyurl.com/dz63eb>

The GeoLab is situated in Building A27, Big Refractor (Großer Refraktor). A campus plan is also available from the GFZ website:
<http://tinyurl.com/nnyq3b>

Accommodation:

Participants should book their own accommodation. A special arrangement have been made with:



STEIGENBERGER HOTEL SANSSOUCI
Allee nach Sanssouci 1
14471 Potsdam, Deutschland

Telephone: +49 331 9091-0
Telefax: +49 331 9091-909
E-mail: potsdam@steigenberger.de
<http://www.steigenberger.com/en/Potsdam>



Costs: 95 € incl. breakfast & free use of public transport in Berlin and Potsdam

Please refer to special rate 'ICCP Training'
> Hotel registration form (pdf)
The special rate is valid until: 28.04.2013

Further hotels in Potsdam:
<http://www.potsdam.de/cms/ziel/26854/EN/>

Contact:

If you need further information please contact:

for technical issues:

Henrik I. Petersen at hip@geus.dk

for logistical issues:

Antje Treutler at treutler@gfz-potsdam.de

The Organizing Committee invites to participate in
65th Annual Meeting of ICCP
and 30th Annual Meeting of TSOP
Sosnowiec, Poland
August 25 - September 4, 2013

<http://prac.us.edu.pl/~iccop-tsop-2013/>

Hosted by University of Silesia, Katowice
<http://www.english.us.edu.pl/>

Organizing Committee

Honorary Committee:

Prof. Dr hab. Wiesław Banyś
Prof. Dr hab. Janusz Janeczek
Prof. Dr hab. Adam Idziak
Prof. Dr hab. Krystyna Kruszewska

Organizing Committee:

Prof. UŚ. Dr hab. Monika Fabiańska
Prof. UŚ. Dr hab. Leszek Marynowski
Dr hab. Magdalena Misz-Kennan
Dr Justyna Ciesielczuk
Dr Beata Smieja-Król
Dr Iwona Jelonek
Dr Krzysztof Szopa
MSc. Justyna Smolarek
MSc. Maciej Rybicki
MSc. Marta Kasprzyk
MSc. Kamila Banasik
MSc. Piotr Kotula

Topics

ICCP symposium:

Advances in coal and organic petrology and geochemistry

TSOP Technical sessions:

- ◆ coal petrology, mineralogy and geochemistry
- ◆ coal geology and utilization
- ◆ coal and environment
- ◆ Coal Bed Methane: geology, evaluation and utilization
- ◆ shale gas and shale oil: geology, extraction and utilization
- ◆ analytical techniques in coal and organic

petrology and geochemistry

The abstracts should be maximum two pages long, written with Times New Roman 12, spacing 1,15. The title should be written with Times New Roman 14 Bold and the authors in Times New Roman 10. Please include affiliation of the authors and contact details (phone number and e-mail to the corresponding author).

Deadline for sending abstracts: May 31, 2013

The selected papers will be published in a special volume of International Journal of Coal Geology. The deadline for submitting papers is December 31, 2013.

Short course:

Application of organic petrology and geochemistry to environmental studies.

The lecturer: *Prof UŚ. dr. hab. Monika Fabiańska.*

Go to <http://prac.us.edu.pl/~iccop-tsop-2013/> for further information.

Field Trip - ICCP

The proposed stops of the conference's field trip are:

STOP 1

Ojców National Park (Polish: Ojcowski Park Narodowy) is a national park in Kraków County, Lesser Poland Voivodeship in southern Poland, established in 1956. It takes its name from the village of Ojców, where it also has its headquarters. Karst topography of soluble bedrock characterizes

the park, which in addition to two river valleys (the Prądnik and Saspówka) contains numerous limestone cliffs, ravines, and over 400 caves.



STOP 2

Gnaszyn is a district of Częstochowa. It is a place where Jurassic clay deposits are used for brick production. The deposits are also interesting for geologists because of the presence of numerous fossils (e.g. snails, ammonites, belemnites, wood) and sphaeroidites with very well visible mineralization (e.g. calcite, aragonite, sphalerite, pyrite).

STOP 3* (this stop depends)

The Olsztyn Castle. The first mention of "the castle Przemyłowice" (later Olsztyn) comes from 1306. It was built at the place where an early medieval castle had been before. Between 1349-59 it was enlarged at the initiative of Casimir the Great to defend the frontier of Silesia and Malopolska. In 1370 the castle passed into the hands of Władysław Jagiełło. The Olsztynian fort is an example of a Gothic building in the uplands style. Its design integrates limestone outliers and karst caves which categorises it as a cave castle.

STOP 4

Tarnowskie Góry. The city has the only one,

underground touristic path situated in a closed mine of silver in Poland. The path is located 40 m under the ground and is long for 1700 m. The route is in the shape of a triangle which every vertex is represented by a shaft ("Anioł", "Żmija" and "Szczęść Boże").

Field Trip TSOP

STOP 1

The Salt Mine in Wieliczka near Cracow (Kraków), Poland. Wieliczka is a town in southern Poland in the Kraków metropolitan area, and situated (since 1999) in Lesser Poland Voivodeship; previously, it was in Kraków Voivodeship (1975–1998). The town was founded in 1290 by Duke Premislas II of Poland. Under the town is the Wieliczka Salt Mine – one of the world's oldest operating salt mines (the oldest is at Bochnia, Poland, 20 km (12 mi) from Wieliczka), which has been in operation since prehistoric times. The mine's attractions include dozens of statues, three chapels and an entire cathedral that has been carved out of the rock salt by the miners. The oldest sculptures are augmented by the new carvings by contemporary artists. About 1.2 million people visit the Wieliczka Salt Mine annually. <http://www.kopalnia.pl/>

STOP 2

Cracow- the city

Kraków (Cracow), is the second largest and one of the oldest cities in Poland. Situated on the Vistula River (Polish: Wisła) in the Lesser Poland region, the city dates back to the 7th century. Kraków has traditionally been one of the leading centres of Polish academic, cultural, and artistic life and is one of Poland's most important economic hubs. It was the capital of Poland from 1038 to 1569; the Polish–Lithuanian Commonwealth from 1569 to 1596; the Grand Duchy of Kraków from 1846 to 1918; and Kraków Voivodeship from the 14th century to 1999. It is now the capital of the Lesser Poland Voivodeship. In 1978, Karol Wojtyła, archbishop of Kraków, was elevated to the papacy as Pope John Paul II – the first Slavic pope ever, and the first non-Italian pope in 455 years. Also that year, UNESCO approved the first ever sites for its new World Heritage List, including the entire Old Town in inscribing Cracow's Historic Centre. Kraków is classified as a global city by GaWC, with the ranking of High sufficiency. <http://www.krakow.pl/>

Programme

65th Annual Meeting of ICCP and 30th Annual Meeting of TSOP

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
	25.08.	26.08.	27.08.	28.08.	29.08.	30.08.	31.08.	01.09.	02.09.	03.09.
8.30-9.00		ICCP Registration								TSOP Registration
9.00-9.30										
9.30-10.00		ICCP Welcome	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Symposium				TSOP Welcome
10.00-10.30										
10.30-11.00		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break			Short course	Coffee break
11.00-11.30										
11.30-12.00		ICCP General Assembly	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Symposium				TSOP Technical Session
12.00-12.30										
12.30-13.00		Lunch break	Lunch break	Lunch break	Lunch break	Lunch break				
13.00-13.30										
13.30-14.00		ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	ICCP Symposium	Field trip	Field trip	Lunch break	TSOP Business Lunch
14.00-14.30										
14.30-15.00		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break				TSOP Technical Session
15.00-15.30										
15.30-16.00		ICCP Commission Meeting	ICCP Commission Meeting	ICCP Commission Meeting	Closing plenary session	ICCP Symposium			TSOP Council Meeting	Coffee break
16.00-16.30	ICCP Council Meeting									TSOP Technical Session
16.30-17.00										
17.00-17.30										
17.30-18.00										
18.00-18.30										
18.30-19.00	Registration and ice-breaking party			ICCP Council Meeting		Conference dinner			Registration and ice-breaking party	TSOP Council Meeting
19.00-19.30										
19.30-20.00										
20.00-20.30										
20.30-21.00										
21.00-21.30										
21.30-22.00										

Fees for ICCP

	Before 30.06.2013	After 30.06.2013
ICCP Members	680 zł	830 zł
Students	400 zł	450 zł
Non-ICCP Members	880 zł	980 zł
Conference dinner	150 zł	150 zł
Field trip	250 zł	

Fees for TSOP

	Before 30.06.2013	After 30.06.2013
TSOP Members	680 zł	830 zł
Students	400 zł	450 zł
Non-TSOP Members	880 zł	980 zł
Conference dinner	150 zł	150 zł
Short course on application of organic petrology and geochemistry to environmental studies		
TSOP Members	150 zł	
Students	80 zł	
Non-TSOP Members	150 zł	
Field trip	250 zł	

The fee should be paid by using the University of Silesia account:

for Polish participants

name of Bank:

ING BANK ŚLĄSKI S.A.
Oddział w Katowicach
ul. A. Mickiewicza 3

Owner of account:

University of Silesia
ul. Bankowa 12
40-007 Katowice

74 1050 1214 1000 0007 0000 7909

for non-Polish participants

name of Bank:

ING BANK ŚLĄSKI S.A.
Oddział w Katowicach
ul. A. Mickiewicza 3

owner of account:

University of Silesia
ul. Bankowa 12
40-007 Katowice

IBAN: PL74 1050 1214 1000 0007 0000 7909

SWIFT: ING BP LPW

*In all cases of payment in the title, please add:
ICCP TSOP 2013*

Travel

Participants coming to our meeting are suggested to use the Katowice Airport (which is situated in Pyrzowice) that is the nearest airport and is located 36 km from Katowice. The other airport is in Kraków, about 80 km from Katowice (so called the Balice Airport). Both of these airports have connections with all major airports in Europe. Participants can get to their hotels from the airports using public transport (buses to Katowice, buses and trains from Kraków) or taxis. The cost of taxi from the Katowice Airport to Katowice is 100 zł (about 25 Euro) and from the Kraków Airport to Katowice is about 320 zł (about 80 Euro). Both of the airports have official taxi companies. Participants coming from neighbouring countries can come by trains. The new and modern railway station is in the city centre.

The local communication is provided by KZK GOP in the whole Silesia district (including Katowice and Sosnowiec). You can use local trams and buses that should make your travel easy and quick. Some important information including actual time table and bus and tram's line location in the district you can find at <http://www.kzkgop.com.pl>

the Katowice Airport in Pyrzowice:

<http://www.katowice-airport.com/>

Kraków Airport in Balice:

<http://www.krakowairport.pl/>

Accommodation

Accommodation in hotel depends on participant's decision. The suggested hotels have a good quality and room's equipment. More details about the selected hotel and its offer you can find at their official web sites. All shown hotels' prices are given for primary orientation.

Hotel Qubus

(http://www.qubushotel.com/hotele.php?lang=2&id_h=10)

Short description: Rooms are provided with television, a mini bar, a safe, Internet connection which allows to use the Internet and phone at the same time. The hotel is located in the highest building in the directly city center in Katowice.

Orientalional prices:

Single room 280zł (65 Euro)

Double room 330zł (77 Euro)

Junior Suite 400zł (93 Euro)

Hotel Katowice

(http://www.hotel-katowice.com.pl/?page_id=9)

Short description: The hotel offers 308 places in single, double rooms and apartments wit a higher standard. All our rooms have a bathroom, a telephone, a TV-set, the internet.

Orientalional prices:

Single room 92zł (22 Euro)

Double room 182zł (43 Euro)

Hotel Diament

(<http://www.hotelediament.pl/en.html>)

Short description: The Park Diament Hotel Katowice **** is a modern, air-conditioned business hotel located at the motorway A4 in the city centre. Perfect location of the hotel makes it easily accessible from directions Kraków, Wrocław or Warszawa as well as from Pyrzowice and Balice airports. Spacious and modern hotel will live up to the expectations of even the most demanding guests. Business and More – customer programme introduced in the hotel – has been developed especially for those who travel in business, but it also offers convenient solutions for tourists

Orientalional prices:

Single room comfort 299zł (70 Euro)

Double room comfort 344zł (80 Euro)

Hotel Monopol

(http://www.monopolkatowice.hotel.com.pl/mono_ka_en/Home)

Short description: All rooms have air conditioning, free access to the internet (broadband cables). In shared areas of the hotel, guests can also enjoy free access to WiFi. Bathroom floors feature underfloor heating. All bathrooms are finished in stone such as marble and boast elegant Italian fittings. Hotel guests are also free to use the hotel's fitness club, swimming pool, sauna and steam room located in the basement of the building. Guests also enjoy a 10% discount in the hotel's 2 restaurants, the café, 2 bars and room service.

Orientalional prices (including breakfast):

Single room 490-560zł (114-130 Euro)

Double room 580-680zł (135-158 Euro)

Double room for single use: 535 - 635 zł (124-148 Euro)

Superior: 690 - 850 zł (160-197 Euro)

Junior Suite: 740 - 840 zł (172-195 Euro)

Apartment: 960 - 1200 zł (223-279 Euro)

Hotel Angelo

(<http://www.vi-hotels.com/en/angelo-katowice/rooms/>)

Short description: Free access to the Executive corner equipped with PCs, printers, coffeemaker, mineral water and fresh fruits. Free WiFi internet access throughout the hotel and high-speed internet access in the room. Welcome drink and a sweet surprise. Early check in and late check out (upon availability). Free DVD rental at the reception desk. Bathrobe and slippers.

Orientational prices:

Single room 320 zł (74 Euro)

Double room 387 zł (90 Euro)

Novotel Katowice

(<http://www.novotel.com/gb/hotel-3377-novotel-katowice-centrum/index.shtml>)

Short description: The four-star Novotel Katowice Centrum hotel offers the highest quality services, perfect for business travellers and tourists alike. The hotel has 300 comfortable, air-conditioned rooms, a fitness club, swimming pool, sauna and a secure car park. The 16th Avenue restaurant guarantees a unique culinary experience while Le Bar serves original drinks and excellent coffee.

Orientational prices:

Single room 219 zł (51 Euro)

Double room 249 zł (58 Euro)

Superior: Single room 259 zł (61 Euro)

Double room 289 zł (68 Euro)

There is also possibility to book at quite low price a room in student's hostel in Sosnowiec. Rooms in students residences in Sosnowiec near Faculty of Earth Sciences are 40zł per night (ca. 10 Euro; in case of booking- please contact with Krzysztof Szopa: <mailto:kszopa@us.edu.pl>

mobile: +48 603 813 074.

For help connected with accommodation and logistic information feel free to contact with Krzysztof Szopa: <mailto:kszopa@us.edu.pl>

Sponsors



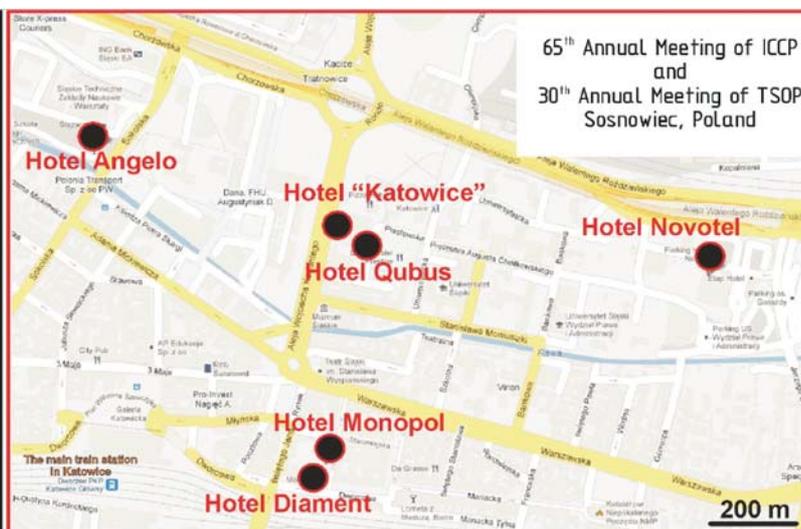
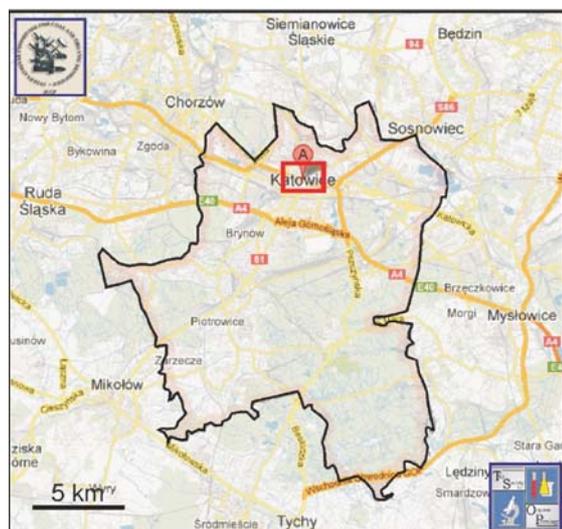
Contacts

In case of any information or question feel free to inform us by using the official email:

mailto:iccop-tsop-2013@us.edu.pl

For general information feel free to contact with Magdalena Misz-Kennan:

mailto:magdalenamisz@us.edu.pl





Registration Form & Registration Pricing Information
For 65th Annual Meeting of ICCP & 30th Annual Meeting of TSOP



Full name..... Nationality.....
Title..... Affiliation

Address.....

Phone/fax..... e-mail.....

Attend: ICCP..... TSOP..... ICCP & TSOP.....

For ICCP attendee

ICCP member..... ICCP non-member..... STUDENT.....
Basic registration..... Banquet Field trip.....

Type of presentation: ORAL..... POSTER.....

Author/s:

Title:

Accompanying member's full name

Relation with ICCP attendee.....

For TSOP attendee

TSOP member..... TSOP non-member..... STUDENT.....
Basic registration..... Banquet Field trip.....

Type of presentation: ORAL..... POSTER.....

Author/s:

Title:

Accompanying member's full name

Relation with TSOP attendee.....

Payment method:

Bank transfer..... Cash at the registration desk after arrival.....

Total amount of fee:..... (**PLN**)

Registration date:.....

Please fill and return the form to iccop-tsop-2013@us.edu.pl or magdalena.misz@us.edu.pl. If you have any questions, please feel free to inform us by using iccop-tsop-2013@us.edu.pl, magdalena.misz@us.edu.pl or kszopa@us.edu.pl.

Membership Matters

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

Welcome to ICCP

Mr Shaaban **M.Aly** (A1, 2)
Alex Palynological Consultancy
13 Swiss Company Street
New Maadi
Fourth Sector
Cairo 11435
Egypt
Ph.: +20-2-27539698
mailto:alism19@yahoo.com



Shaaban M. Aly is a geologist from Egypt with a long experience in palynology, palaeoenvironmental analysis, palynofacies, and regional stratigraphic studies. He is currently undertaking a PhD study in Utrecht on Palynostratigraphy of Miocene Sediments of Gulf

of Suez. He also has some experience in organic petrology, mainly maturation studies by using spore colour and vitrinite reflectance. He attended the first ICCP Training Course on Organic Petrology in Potsdam and subsequently the third ICCP Training Course on Dispersed Organic Matter held in Porto. Currently he is working on rocks with dispersed organic matter applied to hydrocarbons exploration, and he has a significant experience in this field.

Dr Giannis **Oikonomopoulos** (A1, 2)
Geologist
National Technical University of Athens
(N.T.U.A.)
Parochthios 1st. Kalivia Attiki,
Greece, P.C:190-10
Ph: +30 21 0772 2059 (office)
+30 69 3736 1036 (mobile)
mailto:giannis@metal.ntua.gr



Dr Oikonomopoulos obtained a PhD in Mineralogical, Coal-Petrographical and Palaeobotanical Research of Achlada Lignite Deposits C. Florinas from the Section of Geological Sciences, School of Mining and Metallurgical Engineering, National Technical University of Athens (N.T.U.A). He has numerous research papers on Greek peats in their petrography and FTIR characteristics as well as interests in the Messinian salinity crisis.

Dr Kady **Pinetown** (A2)
CSIRO Earth Science and Resource Engineering
PO Box 136
North Ryde
NSW 2113
Australia
Ph: +61 2 9490 8892
mailto:Kady.Pinetown@csiro.au



Kady Pinetown is a coal geologist in the organic petrology team, CSIRO Earth Science & Resource Engineering, specialising in gas distribution and migration in coals and organic rocks. She obtained her PhD from the University of New South Wales, investigating geological controls on coal seam gas distribution in the Hunter Coalfield. She has been working with the organic petrology group at the CSIRO since 2006, mainly carrying out studies on coal characterisation with respect to gas prospectivity including developing novel tools for evaluating gas storage and flow in coal and relating these analyses with organic petrological properties.

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

Dr. Ángeles Gómez Borrego
ICCP General Secretary
Instituto Nacional del Carbón, CSIC
Apartado 73
33080 Oviedo
SPAIN
mailto:angeles@incar.csic.es

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 this issue (ICCP News 51)

Thiessen Medal

This is the highest award offered by ICCP. It recognises a lifetime of achievement and outstanding contributions in the fields of coal and organic petrology. The award consists of a bronze medal. The award committee consists of the five most recent medalists. Awards are made from time to time but applications are called for every 2 years.

For details of procedures and nominations, contact:

Dr. Ángeles Gómez Borrego
ICCP General Secretary
Instituto Nacional del Carbón, CSIC
Apartado 73
33080 Oviedo
SPAIN
Ph. +34-98-511 9090
Fax +34-98-529 7662
<mailto:angeles@incar.csic.es>

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:

Dr. Ángeles Gómez Borrego
ICCP General Secretary
Instituto Nacional del Carbón, CSIC
Apartado 73
33080 Oviedo
SPAIN
Ph. +34-98-511 9090
Fax +34-98-529 7662
<mailto:angeles@incar.csic.es>

ICCP Services

For more information, contact the convenors of the programs.

★ ICCP Reflectance Standard

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

For more information contact

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

Also available through

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

and

Gerd u. Gisela Bieg
Mikroskopische Untersuchungen
Hirschgraben 2
45721 Haltern am See
Germany
Ph. +49-2364-6285
<mailto:mikro-un@t-online.de>

★ **Accreditation Programs**

- Maceral Group Analysis of Coals
convenor: Dr Kimon Christanis
Department of Geology
University of Patras
26500 Rio-Patras, GREECE
Phone +30-2610-99 7568/Fax+30-2610-99 1900
mailto:christan@upatras.gr
- Vitrinite Reflectance of Coals
convenor: Dr Kimon Christanis
- Coal Blend Analysis
convenor: Dr Isabel Suárez-Ruiz
Instituto Nacional del Carbón - CSIC
Apartado 73
33080 Oviedo, SPAIN
Phone +34-98-511 9090 / Fax: +34-98-529 7662
mailto:isruiz@incar.csic.es
- Vitrinite Reflectance of Dispersed Organic Matter
convenor: Dr. Ángeles Gómez Borrego
ICCP General Secretary
Instituto Nacional del Carbón, CSIC
Apartado 73
33080 Oviedo
SPAIN
Ph. +34-98-511 9090
Fax +34-98-529 7662
mailto:angeles@incar.csic.es

**Answer to Know Your Coal
Petrologist #49**

Near the edge of the Zagros Mountains in Kurdistan (northern Iraq) are Peter Crosdale (left), Dirk Prinz, Polla Khanaqa, Stavros Kalaitzidis and Antonis Bouzinos (right). Part of a recent expedition examining the Jurassic source rocks for the important Iraqi oil fields.

**Answer to Know Your Coal
Petrologist #50**

Jingle Rupert (left) and Judith Potter (right) seem to have had a very good time on the Beijing meeting field trip, but why not? - everybody who attended had a great time!

**DEADLINE FOR NEXT
ICCP NEWS :
15TH JUNE 2013**

WHAT'S HAPPENING

2 - 6 June 2013

**38th International Technical
Conference on Clean Coal & Fuel
Systems**, Clearwater, Florida, USA.
<http://www.coaltechnologies.com/>

14 - 16 August 2013

COAL-GEN 2013, Charlotte, North
Carolina, USA.
<http://www.coal-gen.com/index.html>

25 Aug - 4 Sept 2013

65th ICCP / 30th TSOP, Sosnowiek,
Poland.
mailto:magdalenamisz@us.edu.pl
<http://prac.us.edu.pl/~iccp-tsop-2013/>

15 - 20 September 2013

**26th IMOG - International Meeting on
Organic Geochemistry**, Tenerife,
Canary Islands, Spain.
<http://www.imog2013.org/>

16 - 19 September 2013

2013 Pittsburgh Coal Conference,
Beijing, P.R. China.
<http://www.engineering.pitt.edu/PCC/>

1 - 6 October 2013

**XVII International Coal Preparation
Congress (ICPC)**, Istanbul, Turkey.
<http://www.icpc2013.com/en/>

30 Sept - 3 Oct 2013

International Conference for Coal Science and Technology (ICCS&T)

2013, Pennsylvania, USA.

<http://www.iccst.info>

3 - 5 December 2013

COAL-GEN EUROPE Kraków, Poland.

<http://www.coal-gen-europe.com/index.html>

Planned Future ICCP Meetings

2014 Kolkata, India

2015 Tete, Mozambique

★ *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)

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€**

If undeliverable return to :

Dr P. Crosdale, Editor, ICCP

Energy Resources Consulting Pty Ltd

PO Box 54, Coorparoo, Qld 4151 AUSTRALIA