

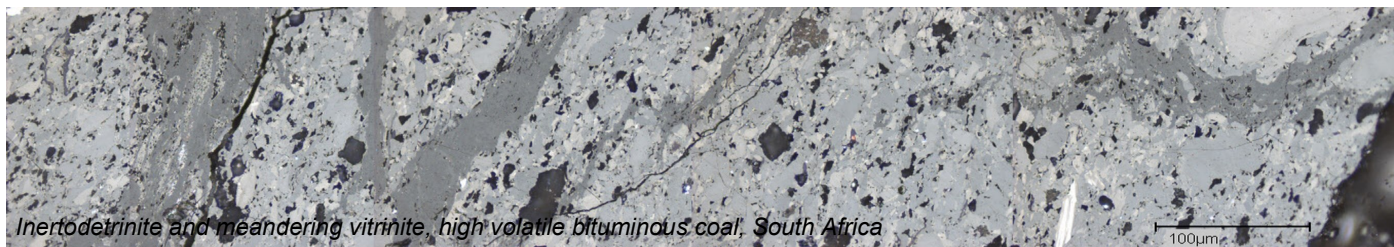
ICCP NEWS



NO 64
MAR 2016

Newsletter of the International Committee for Coal and Organic Petrology (ICCP). Founded 1953. <http://www.iccop.org>

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Inertodetrinite and meandering vitrinite, high volatile bituminous coal, South Africa

Applications for the ICCP Student Travel Grant for the 9th ICCP course in Organic Petrology, Potsdam, Germany, 2016:

Applications are open

Deadline for applications: 15 April 2016

Please visit the website <https://www.iccop.org>

9th ICCP Course in Organic Petrology

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

June 6-10, 2016



ICCP Organic Petrology training course, Potsdam, 2015

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ICCP WEBSITE

<https://www.iccop.org>

Please send any feedback, comments, and uploads to Stavros Kalaitzidis

[mailto: skalait@upatras.gr](mailto:skalait@upatras.gr)

Become an ACCREDITED

petrographer.

The ICCP provides accreditation in 3 areas: single coal accreditation, coal blend accreditation, and dispersed organic matter. Refer to the website. And page 4 herein

**DEADLINE FOR
CONTRIBUTIONS TO
THE NEXT
ICCP NEWS:
*8 July 2016***

Presidents Column

Dear Colleagues,

When you get in your hands the first issue of the Newsletter for the year 2016, know that we are busy with a number of activities within the ICCP. This year we have a course in Potsdam in June, and registration and applications for student grants are open. We have launched the 2016-2017 accreditation round, and it is now possible to register through the ICCP web page (NB: registration by end April). Also, there are six months left until we meet again, this time in Houston. You will receive updated relevant information within this issue.

Council has been busy since the last meeting in progressing with the formal registration of the ICCP. Communication and feedback has been established with an attorney in Canada to progress with the foundational act; this needs to be written for the registration and has to be in agreement with the ICCP statutes and the Canadian regulations.

Contact has been also established with publishers to find the best solution for the ICCP publications; unfortunately this has shown to run slower than initially expected. I would like to thank Jen for her input on the registration topic, Walter for his contact with Elsevier, and Jolanta and Nikki for searching for alternatives. We hope to have a satisfactory answer soon.

As you know, we have been enjoying for a while an amazing ICCP webpage with a lot of content. Chairs and Conveners are doing their best to keep up-to-date with the information from the working groups. We also need all members to keep their contact details updated. This is easy: please log in, enter your personal profile and update the results. (Ed: and send the updates to the Editor too please).

Looking forward meeting you soon
Ángeles G Borrego

ICCP Student Travel Grant for the Potsdam course 2016: Applications are open

Applications for the [ICCP Student Travel Grant](#) to attend the [Potsdam 2016 Course](#) close soon.

Please check the Grant requirements and submit the application forms to Dr. Stavros Kalaitzidis (<mailto:skalait@upatras.gr>).

Deadline for applications: 15 April 2016

Please visit the website

<https://www.iccop.org>

EDITORS COLUMN

As I write this note, the rain is bucketing down in Johannesburg – apparently 90 mm in the last 24 hours, and more to come. This is on the back of yet another week or so of intense heat across the country. The El Nino effect has been extreme since the beginning of our summer, with all temperature records being broken in January and broken again the next day and day thereafter. Personally, I have never known such a dry, scorching hot, summer, with wave after wave of heat waves. Crops have failed across southern Africa due to lack of rain, and the winter outlook for agriculture is bleak. Yet, when you look over the country-side, everything appears green – hence the term coined by a colleague of a “green drought”. The African bush is phenomenal in its ability to thrive on very little water, and the infrequent thunderstorms since January have promoted rapid vegetation growth.

The El Nino effect is global, with areas receiving higher or lower than normal rainfall. But this El Nino effect, combined with climate change, has surpassed the models into ‘unknown territory’. I believe the economic climate is also in ‘unknown territory’, with commodity prices remaining low generally, but apparently with glimmers of hope globally. Anglo American is shedding its coal assets, but Glencore, the biggest coal player, is seeing an improvement in the coal price. How COP17 agreements play out, we will wait and see. On a positive note, applications for ICCP membership continue to come in, demonstrating the consistent importance of this science despite global turmoil.

I have taken the liberty of including some conference flyers at the end of the newsletter, and further conference dates can as usual be found on the back page. If one had the time and funds, it would be fantastic to attend all of these, and more – becoming a constant conference traveler. Obviously the important event in the ICCP diary, the Annual Meeting, should take preference (chuckle). Combined with the annual TSOP and AAPG meetings in Houston, Texas, the program looks full and the venue enticing. Submission for abstracts opens 1st May and closes 1st August. Refer to page 8 herein.

The ICCP course will run in June in Potsdam, and hopefully this Newsletter is received before the 15 April deadline for student sponsorship applications.

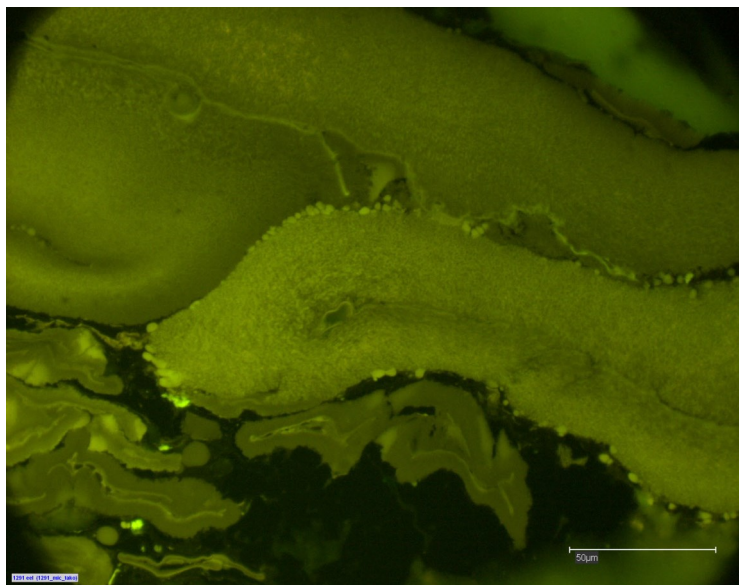
The ICCP Council continues to work on the registration issue, with some progress being

made on this front. As soon as possible, information will be shared with the ICCP. Then the issue of publication ‘ownership’ can also be resolved.

This Newsletter edition has a submission from a PhD candidate. I would like to encourage all students researching any aspect of organic petrology to submit a short article about their research work, with a few images if possible. These articles will not be peer reviewed, but they do enable exposure to an audience actively involved in the field of organic petrology. It is hoped that the Newsletter readers would respond directly to the student with questions or comments, or via a short submission to the Newsletter. Please can all supervisors / mentors / sponsors encourage student submissions to the ICCP Newsletter.

Remember, it takes submissions and active involvement from all ICCP members to make for an interesting, informative, newsy Newsletter. Deadline for submissions for the next Newsletter is proposed as 8 July. Happy travels!

Nikki Wagner, Editor



Organic petrology, whilst a science, also allows for creativity and imagination.

What do you see in this image?

(Fluorescent image, oil, Zeiss Axio Imager M2, x500)

In addition to reporting the Annual Meeting matters, the ICCP Newsletter is also a forum for students, young and old researchers, petrographers, and any one else, to present results, submit short reviews or articles, post notifications, request for assistance, announce relevant conferences / workshops / courses. Please submit all documents for inclusion into the next ICCP Newsletter

Call for Participation in the ICCP Accreditation Programs 2016

The International Committee for Coal and Organic Petrology (ICCP) is pleased to invite you to participate in the next Accreditation round. The ICCP has three Accreditation Programs:

1. Single Coal Accreditation Program (SCAP) for both maceral group and vitrinite random reflectance analyses. In this program the ability of an analyst to identify and quantify the maceral groups and to identify and measure the vitrinite reflectance of a coal sample according to ISO standards is tested.

Organizer: Kimon Christanis (mailto: christan@upatras.gr)

2. Dispersed Organic Matter Vitrinite Reflectance Accreditation Program (DOMVR). In this program the ability of an analyst to identify and measure the reflectance of vitrinite occurring as dispersed vitrinite in rocks such as carbonaceous shales or hydrocarbon source rocks is tested.

Organizer: Angeles G. Borrego (mailto: angeles@incar.csic.es)

3. Coal Blends Accreditation Program (CBAP). In this program the ability of an analyst to identify the number of coals in a blend and their petrographic characteristics such as vitrinite reflectance and maceral group composition according to ISO standards is tested. Organic petrology is the only technique able to yield information of the individual component coals within a coal blend.

Organizer: Isabel Suárez-Ruiz (mailto: isruiz@incar.csic.es)

The ICCP offers discounts for those participating in more than one accreditation program and has established a procedure to facilitate payments in which a single invoice will be produced. This requires that participants fill in the **registration form** available in the following link www.iccop.org/accreditation/accreditation-form before the **end of April 2016** in order to expedite the procedures. In addition, the timing of the exercises has been spaced to reasonably distribute the analytical load of the participants through the year. The expected timing is summarized in Table 1.

Table 1. General Schedule Proposed for 2016-2017 ICCP Accreditation exercises

	SCAP	DOMVR	CBAP
Announcement, call for participants & invoicing	February to May 2016	February to May 2016	February to May 2016
Sample distribution	April to June 2016	May to June 2016	December 2016
Reception of results	July to September 2016	October 2016	January to March 2017
Evaluation, Certificates & Web	October to December 2016	December 2016	April to June 2017
Certificate Validity	01.01.2017 to 31.12.2018	01.01.2017 to 31.12.2018	01.07.2017 to 30.06.2019

REGISTRATION BY END APRIL 2016:
www.iccop.org/accreditation/accreditation-form

Different number of samples are to be analysed in the programs, depending on your previous participation. Participants entering SCAP or DOMVR programs or having lapsed for a round, have to analyse six samples, whereas continuation in the program requires the analysis of two samples. For CBAP, new entrants are expected to analyse two samples and continuation requires the analysis of a single sample.

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

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

in the three accreditation programs a **20% discount** will be applied in the three of them.

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

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

Magdalena Misz-Kennan
Chair of the Accreditation Subcommittee
mailto:magdalena.misz@us.edu.pl

Table 2. Fees for the 2016-2017 ICCP Accreditation Programs €

	SCAP		DOMVR		CBAP	
	Entry	Continuation	Entry	Continuation	Entry	Continuation
Non-Members, €	126	84	100	66	200	168
Members, €	63	42	50	33	100	84

NOTE :

THE DEADLINE FOR REGISTRATION FOR THE ACCREDITATION PROGRAMS IS THE END OF APRIL 2016.

Know your coal petrographers:
Who are "getting the groove on"?
(p.10)



**2016 Field excursion to
Schwarze Pumpe Power
Station, Germany.**

Photographs Courtesy of Lopo Vasconcelos



ORGANIC FACIES OF MESOZOIC AND CENOZOIC SEDIMENTARY SECTIONS OF THE OFFSHORE PORTION FROM THE LUSITANIAN BASIN, PORTUGAL: MO-1, 14A-1, 14A-2 WELLS

Author: Taíssa Rêgo Menezes.

Institution: Federal University of Rio de Janeiro (UFRJ), Brazil.

Advisers:

1. Prof. Dr. João Graciano Mendonça Filho - Federal University of Rio de Janeiro (UFRJ), Brazil;
2. Prof. Dr. Deolinda Flores – Departamento de Geociências, Ambiente e Ordenamento do Território, Faculdade de Ciências, Universidade do Porto, Portugal;
3. Dr. Luiz Antonio Freitas Trindade – Petrobras.

This study is based on the determination of organic facies through the palynofacies and organic geochemical parameters of Mesozoic and Cenozoic sedimentary sections of the offshore portion from Lusitanian Basin (Portugal) in order to obtain information to support the stratigraphic and sedimentological models, characterize the thermal maturity of organic matter, and determine the hydrocarbon generating potential. Cuttings samples were collected from three shallow-water exploratory wells (Mo-1, 14A-1 and 14A-2). The Lusitanian Basin is one of a family of Atlantic margin rift-basins and it is located along the western Iberian margin which has

formed as a response to Mesozoic extension and subsequent opening of the North Atlantic Ocean, covering some 20.000 km² in the west-central part of the Portuguese mainland and the adjacent continental shelf. For this study, the geological database was based on Well Geological Report from company completion logs available on request at GPEP (Gabinete de Pesquisa e Exploração de Petróleo, Portugal). All discussion and interpretation in this study is focused on the characterization of sedimentary organic matter based on kerogen assembly, Total Organic Carbon – TOC (wt.%), Rock-Eval Pyrolysis, and optical (Vitrinite Reflectance – Ro%; Spore Coloration Index – SCI) and molecular (biomarker ratios) thermal maturity parameters. In general, the samples analyzed showed TOC values lower than 1.0 wt.% and insoluble residue values (RI) that is indicative of an episode of predominantly carbonate deposition. Palynofacies is represented by the predominance of organic components from Phytoclast Group. The differences detected during the microscopic investigation of the analyzed sedimentary sections show variation of basin configurations and depositional systems in response to the tectonic and sedimentary control and, consequently, the relative changes of the sea level. Organic facies of the Dagorda Formation (Upper Triassic-Lower Jurassic) indicated a deposition in proximal paleoenvironment, shallow-water system of oxic conditions. The palynofacies is represented by the predominance of biostructured and opaque

phytoclasts, high abundance of dyads, tetrads and cluster of pollen grains from *Classopollis* genus, attesting warm and dry climate conditions with rare marine influence. Reflected white light examination has identified a significant proportion of maceral from Inertinite Group, correlated to opaque phytoclasts observed in transmitted white light microscopy. In addition, in the MO-1 well also was recorded the presence of coaly rocks reaching up to 30 wt.% of TOC with a predominance of coaly fragments, indicating energy variations in the system. These features could indicate sequences of flood plains and swamps, suggesting a climate change that has taken place from Hettangian. Subsequent sedimentary sequence, Coimbra Formation (Sinemurian), is characterized by a high percentage of AOM and a predominance of biostructured phytoclasts, being observed a relative abundance increasing of marine palynomorphs. Palynofacies signature indicates a greater marine influence in the system and a transgressive character than the Dagorda Formation. However, on top of the Lower Jurassic section the palynofacies assembly marked the predominance of organic components from the Phytoclast Group associated with marine palynomorphs, indicating a facies deposition of high energy and regressive character. In Brenha Formation, Middle Jurassic, the kerogen components assembly showed a remarkable predominance of terrestrial elements (phytoclasts and sporomorphs)

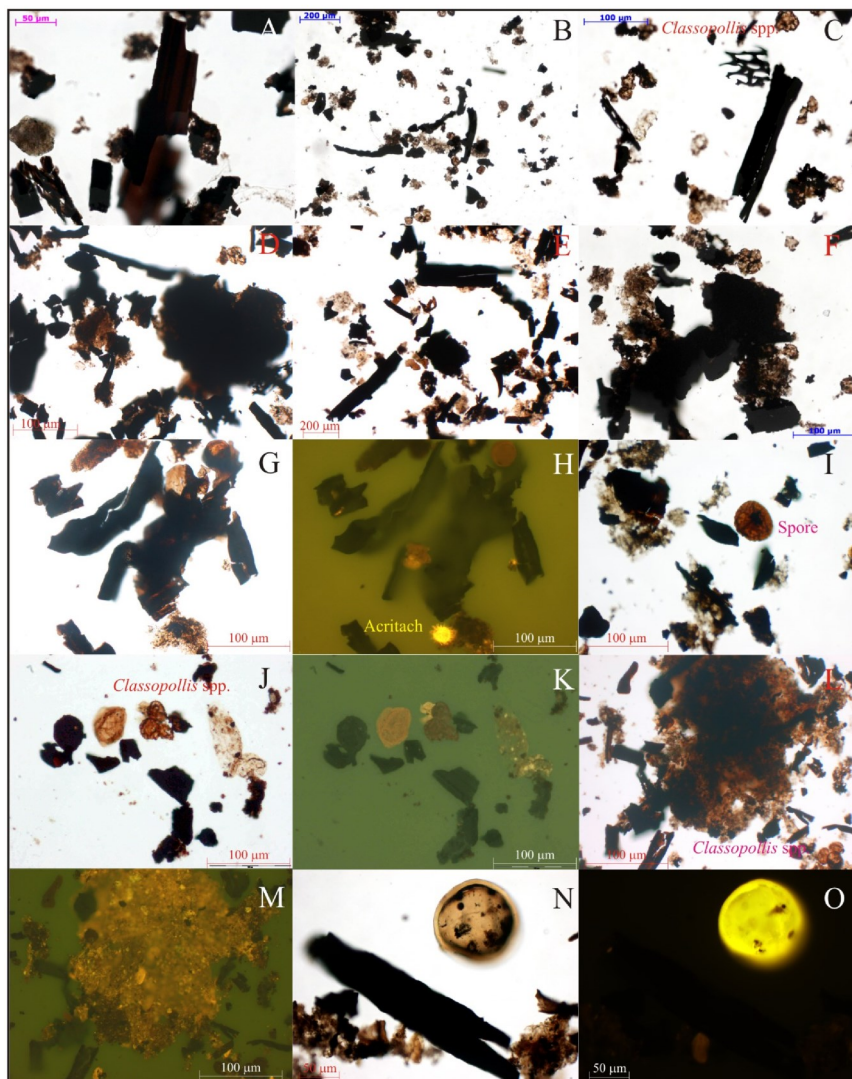


Plate showing dispersed organic matter from palynofacies results - A to J: Predominance of Phytoclast Group; L and M: AOM plus other inclusions; O and P: *Tasmanites*. Photomicrographs A, B, C, D, E, F, G, I, J, L and N seen in transmitted white light; photomicrographs H, K, M e O seen in fluorescence

with variable AOM content, and freshwater indicate sequences of flood plains and swamps, suggesting a climate change that has taken place from Hettangian. Subsequent sedimentary sequence, Coimbra Formation (Sinemurian), is characterized by a high percentage of AOM and a predominance of biostructured phytoclasts, being observed a relative abundance increasing of marine palynomorphs. Palynofacies signature indicates a greater marine influence in the system and a transgressive character than the Dagorda Formation. However, on top of the Lower Jurassic section the palynofacies assembly marked the predominance of organic components from the Phytoclast Group associated with marine palynomorphs, indicating a facies deposition of high energy and regressive character. In Brenha Formation, Middle Jurassic, the kerogen components assembly showed a remarkable predominance of terrestrial elements (phytoclasts and sporomorphs) with variable AOM content, and freshwater (*Botryococcus* and spores from Zygnemataceae Family) and marine palynomorphs, indicating a proximal facies with shallowing trend towards the top of the section up to the transition to Upper Jurassic. On top of this section it can be observed a transgressive episode marked by the predominance of marine components (dinocysts). However, the transition from Middle to Late Jurassic, the regressive character with deposition of shallow-water proximal facies comes back to dominate. In this interval the phytoclast predominance occurs again, besides algae from

Botryococcus genus and sessile polypoid and free-swimming medusoid forms from the hydrozoan group (zoomorphs). Biomarkers criteria indicated a deposition of carbonate marine environment with high contribution of continental organic matter. The sedimentary section from Cretaceous and Paleogene is only represented in the MO-1 well. In this interval, the TOC levels ranged from 0.04 to 0.10 wt.%, with no recovery of particulate organic matter. The exception of Cenomanian samples that revealed a palynofacies predominantly composed by continental components and a relative abundance of dinocysts, inferring a facies of transgressive character. The hydrocarbon generating potential of the studied sedimentary section, represented by the *Rock-Eval* pyrolysis parameters is very poor. The low values of S2 (< 5 mg HC / g rock) and Hydrogen Index (HI) are typical of Type III-IV kerogen, with low or no hydrocarbon generating potential. In contrast, the coaly levels in the MO-1 well presented S2 values reaching up to 40 mg HC / g rock, showing a higher hydrocarbon generating potential for gas. Nevertheless, the correlation between optical (Ro% and SCI) and molecular [20S Steranes / (20S + 20R); C29 $\alpha\beta\beta$ / $\alpha\beta\beta$ + $\alpha\alpha\alpha$] thermal maturity parameters indicated that the studied sedimentary sections are in the oil window.

(Ed: please respond directly to Taíssa with comments & questions:

<mailto:taissamenezes@petrobras.com.br>)

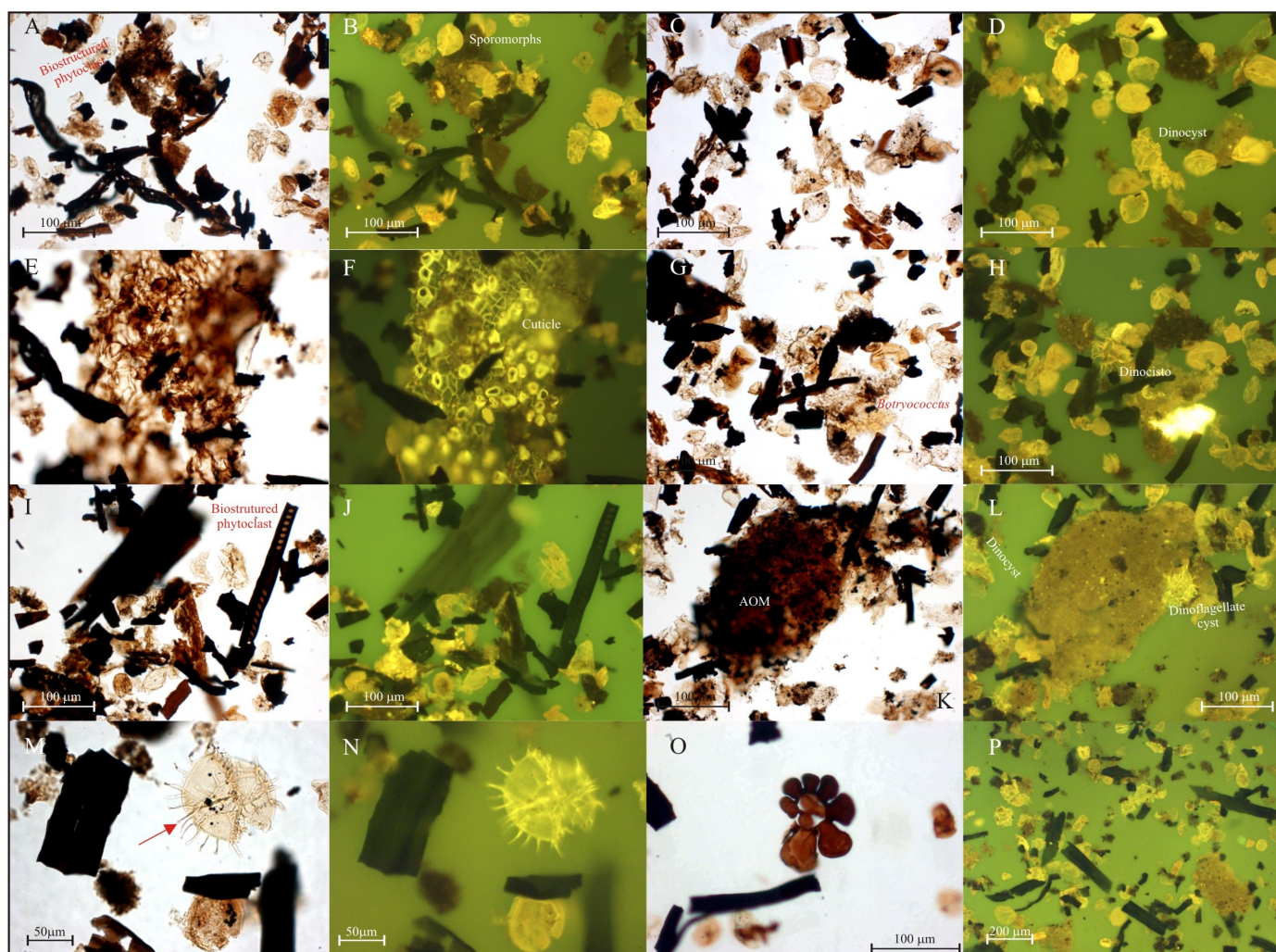


Plate showing dispersed organic matter from palynofacies results - A to J: Predominance of Phytoclast Group; K to L: Predominance of Palynomorphs Group; M and N: Dinocyst; O: Foraminiferal Test-Linings; P: High relative abundance of dinocyst (marine palynomorphs). Photomicrographs A, C, E, G, I, K, M and O seen in transmitted white light; photomicrographs B, D, F, H, J, L, N and P seen in fluorescence mode.

FOURTH CIRCULAR: JOINT MEETING TSOP - AASP - ICCP



**The Society for Organic Petrology
The Palynological Society
The International Committee
for Coal and Organic Petrology**



JOINT MEETING

**September 18 – 23, 2016
Houston, Texas USA**

We are pleased to present the **fourth circular** regarding this first historic joint meeting of these three related geological, geochemical and biological scientific societies.

We have finalized our schedules of technical sessions including the Symposia and Theme Sessions, and further finalized the pre-meeting Short Course, and the two fieldtrips. The purpose of this joint meeting is to bring together a diverse group of scientists to discuss the close relationships between organic petrology and palynology, to foster thoughtful discussion and address issues that may be of benefit to furthering the respective sciences. Key themes to be addressed during joint activities include source rock/source-rock reservoir resource assessment, microscope methods of characterizing microporosity, coal characterization, and palynofacies/kerogen.

The venue for this meeting will be the **historic Magnolia Hotel** in downtown Houston. The Magnolia was built in 1926 as the former Post-Dispatch Building. It was re-purposed in 2003 as The Magnolia Hotel, and further underwent a significant upgrade in 2009. The hotel is centrally located in downtown within walking distance of excellent restaurants and pubs. Over the past several years downtown Houston has undergone a major revitalization with many new office buildings, exciting arts and entertainment venues, and several world-class restaurants. We believe the downtown will provide exciting possibilities for every need and want.

REGISTRATION FEES

Full 5-day Registration:

Early Bird (before Aug. 1 st):	US\$300
After Aug 1 st :	US\$350

3-day Registration:

Early Bird	US\$225
After Aug 1 st	US\$275

1-day Registration:

Early Bird	US\$100
After Aug 1 st	US\$150

At this moment, the Organizing Committee is working with the TSOP webmaster to set up a registration and payment website. When this is completed, a notification to all associated members will be sent out. **Please note that this registration fee is exclusive of the respective Society Business Luncheons, Wednesday Evening Conference Dinner, Saturday Short Course, and Fieldtrips.**

SHORT COURSE

Saturday All-day Short Course: It is the pleasure of the Organizing Committee to present an all-day pre-meeting short course entitled, ***“Integration of microscopy and geochemistry in petroleum source rock evaluation”***. The course will be taught by Dr. Richard Tyson (Getech, UK). The course will be presented in a classroom setting, and will emphasize the integration of microscopy and geochemistry to better understand and characterize source rocks in both conventional and unconventional exploration. The interpretation of both palynofacies and organic petrological data will be discussed. Additional details of the short course are being finalized and will be published in upcoming announcements.

The costs for this full-day Short Course will be US\$250 for professionals, and US\$200 for students. This will include all class materials, lunch and coffee breaks through the day. At this time the class is limited to 40 people and a percentage of attendance will be reserved for students. Attendance will be based on a first-come, first-served basis.

SYMPOSIUM/THEME SESSIONS

After considerable discussion, a number of integrated Symposia and Theme Sessions have been finalized.

- **Microscope Methodologies in Recognizing and Characterizing Organic Microporosity** (Joint TSOP/ICCP Theme Session: Monday PM)
- **Palynofacies and Kerogen** (Joint TSOP/ICCP/AASP Theme Session: Tuesday PM)
- **Multi-modal Characterization of Source Rocks, including Source-Rock Reservoirs** (Joint TSOP/ICCP/AASP Symposium: Wednesday All-Day)
- **Palynofloral Contributions to Source Rocks** (AASP/TSOP/ICCP Theme Session: Thursday AM)
- Additional AASP-sponsored sessions will include:
 - **Alfred Traverse Symposium** (Thursday PM)
 - Guest Lecture on **Forensic Palynology** to open the Friday AM general session.

A list of Invited/Keynote Speakers has been finalized, invitations have been sent and accepted, and the format for these technical sessions is being finalized. For many of the proposed joint sessions, at least one organic petrography/geochemistry and one palynology Keynote Speaker will be invited.

All interested scientists will be strongly encouraged to contact us and propose to submit their abstract(s) for one or more of these Sessions and the all-day Wednesday Symposium. Details regarding these sessions will be forthcoming in the next respective Newsletters, and will appear on respective websites very soon.

ABSTRACT SUBMISSIONS

All scientists of organic petrography and palynology are strongly encouraged to submit their abstract(s) to one or more of the Symposia, Theme and General Sessions. A call for Abstracts will be going out shortly: all abstract submissions will be strictly formatted. **Abstract submissions will open on Sunday, May 1st, and the closing date for submissions will be Sunday, August 1st.**



FIELD TRIPS

Friday-Sunday Pre-Meeting Field Trip:

This 2+ day field trip will visit Eagle Ford Formation outcrops in west Texas, and will be led by Barry Wawak (Manager of Reservoir Geology, Core Laboratories Houston). The field trip will depart on the afternoon of the Friday prior to the meeting, and return by Sunday afternoon. The Eagle Ford Formation is a world-class source-rock reservoir resource in the subsurface of south Texas, and the accompanying strata have been researched extensively in stratigraphic, geochemical and biostratigraphic studies.

The cost for this fieldtrip will be **US\$550** and will include the field guide, transportation by vans, two nights of accommodation, and two lunches. Dinners for the two evenings will be at the expense of the individual. The fieldtrip is not strenuous as most outcrops are along the highway, or a short distance from well-kept roads. Hiking boots and proper field equipment will be required. Safety equipment (hard hats, safety vests) will be provided.

Saturday Post-Meeting Field Trip: This will be a one-day excursion to Cretaceous through Eocene strata of east-central Texas. These strata are equivalent to the important Wilcox Formation that forms major reservoirs in the subsurface of the deepwater Gulf of Mexico. The field trip will leave early Saturday morning from the Hotel, and return early evening back to Houston. Final details of both field trips will be presented in upcoming Newsletters and on the respective Society websites.

The cost for this fieldtrip is still being finalized but will include the field guide, transportation by vans, and lunch. The fieldtrip is not strenuous as most outcrops are a short distance from well-kept roads. Hiking boots and proper field equipment will be required. Safety equipment (hard hats, safety vests) will be provided.



SOCIAL EVENTS

Multiple social activities of interest to all participants are being discussed and should be finalized in the very near future with the hotel and off-site venues.

Monday PM Icebreaker: The Monday evening Icebreaker will take place on the rooftop patio of The Magnolia Hotel (weather permitting). The patio offers a great view of the Houston downtown skyline and sunset.

Tuesday PM Happy Hour (TSOP/ICCP): On the Tuesday late afternoon, a Happy Hour will accompany an opportunity to view the posters that will be part of the

technical aspect of the meeting. Drinks and finger food will be served and there will be sufficient opportunity to chat with authors about their poster displays.

Conference Dinner: A conference dinner has been finalized at the nearby Sambuca Café, a couple blocks walk from The Magnolia Hotel, located in the historic Rice Hotel. The Sambuca Café is well-known for its vibrant music scene and excellent food. The evening will include two free drinks, appetizers, and a three-course meal in a designer atmosphere, with live music for your listening enjoyment. Our special events area will allow access to an outdoor patio to allow for quiet conversation. The conference dinner will be **US\$75** per person.

Thursday PM Happy Hour (AASP/ICCP): A Thursday late afternoon Happy Hour will allow folks to enjoy the AASP poster sessions as part of the technical aspect of the meeting. Drinks and finger food will be served and folks will be encouraged to mingle with the authors and discuss their poster displays.

In addition to all these events, attendees will have sufficient opportunity to enjoy the Houston downtown with its numerous world-class restaurants, and abundant drinking establishments.

SOCIETY BOARD MEETINGS

Along with the technical and social activities, the respective Societies will have their necessary Board of Directors meetings, and Business Luncheons.

The current schedule includes:

ICCP Council Meeting:

Sunday September 18th 16:00-21:00

TSOP Council Meeting:

Sunday September 18th 17:30-21:00

TSOP/ICCP Business Luncheon:

Tuesday September 20th 12:00-14:00

TSOP Council Meeting:

Tuesday September 20th 19:00-21:00

AASP-TPS Outgoing Board Meeting:

Tuesday September 20th 19:00-22:00

ICCP Council Meeting:

Thursday September 22nd 18:00-21:00

AASP-TPS Business Luncheon:

Friday September 23rd 11:30-13:30

AASP-TPS Incoming Board Meeting:

Friday September 23rd 17:00-18:30

TRANSPORTATION AND ACCOMMODATION

Houston is a significant transportation hub and the Intercontinental Airport (IAH) is serviced by all major airlines from Europe and Asia. Both airports (IAH and HOU) are serviced by the major US-based airlines: IAH is a major hub for United Airlines, and HOU is a major hub for Southwest Airlines. All the major American airlines (e.g. Delta and American) fly into IAH numerous times through the day. All major European, Asian and Middle East airlines (e.g. KLM, British Airways, Air France, Lufthansa, Singapore, Korean Air, JAL, Emirates, and Qatar Airways) fly once a day in and out of IAH. Transportation to and from the downtown area from both airports is available via taxi, shuttle, and MetroBus. Further information on fares and routes from the two airports will be distributed in later circulars.

Abstract submission: open 1 May - 1 August

(From page 9) ICCP JOINT MEETING.....

The Magnolia Hotel: Our current negotiated room rate at The Magnolia hotel is US\$179/night (single occupancy). Double- and triple- occupancy will be priced accordingly.

This room-rate includes:

- FREE in-hotel/in-room Wifi;
- Complimentary hot breakfast
- Late afternoon happy hour (complimentary beer/wine)
- Complimentary evening cookie buffet
- Reduced valet parking fees

We will be setting website registration with The Magnolia Hotel in the very near future. Further details on hotel accommodations can be found at the hotel website, <http://magnoliahotels.com/houston/magnolia-hotel-houston.php>

We will alert everyone when the accommodations website is ready.

Alternative Accommodation: A listing of alternative hotels in the downtown area will be made available upon request.

ORGANIZING COMMITTEE

The local Organizing Committee consists of Thomas Demchuk (RPS), Jen O'Keefe (Morehead State U.), Thomas Gentzis (Core Laboratories) and Joe Curiale (Independent). Over the next several months as the technical and social programs are finalized, we will do our best to keep the societies and membership informed of new events, the associated costs, and deadlines. We look forward to a great joint meeting in September of 2016.

If you should have any questions regarding the joint meeting, you may send an e-mail to <mailto:tdemchuk@swbell.net>



ICCP classifieds

WANTED TO BUY:

Leitz MPV-Combi control unit

Please contact : Jolanta Kus

mailto: J.Kus@bgr.de



Answers to Know your coal Petrologist

Lopo, Zuleika (middle) and Claus share some good moves at the 2015 Potsdam meeting dinner

Happy times 2015 meeting



Do you know the advantages of being an ICCP member? Find out more online at <https://www.iccop.org>.

Do you know the advantage of being an ACTIVE ICCP member? See the benefits of participating in the working group activities by viewing the webpages.




9th ICCP Course in Organic Petrology

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

June 6-10, 2016

ATTENTION

Student Travel Grant

Purpose: The ICCP Student Travel Grant is designed to support student attendance at the ICCP Training Courses.

Eligibility: The ICCP Travel Grant supports qualified MSc and PhD students from around the world, who are active in fields related to the Themes of ICCP. Applicants who have previously been granted an ICCP Travel Grant are not eligible to apply for a second grant under the scheme. The ICCP Travel Grant is open to students who express interest in attending the ICCP Training Courses.

Grants: One Grant up to Euros 1,000.00 plus the course fees will be granted for any course.

Conditions: Monetary awards shall be spent solely for the purposes of travelling to attend an ICCP Training Course, including Accommodation. Funds should not be used to fund research, purchase capital equipment, to pay salaries, tuition, etc.

Students receiving the award will be required to provide receipts detailing travel spending to ICCP Treasurer after the course has concluded. Maximum period for providing the receipts will be 30 days after the course.

Copies of travel receipts should be sent to Jennifer Pearson (mailto:jen@coalpetrography.com)

The ICCP Travel Grant should be referred to in any following publication of the MSc or PhD Thesis.

Application Deadline: 15 April 2016

Applications will be reviewed and ranked by the Grant Subcommittee, who will be determined by the Council.

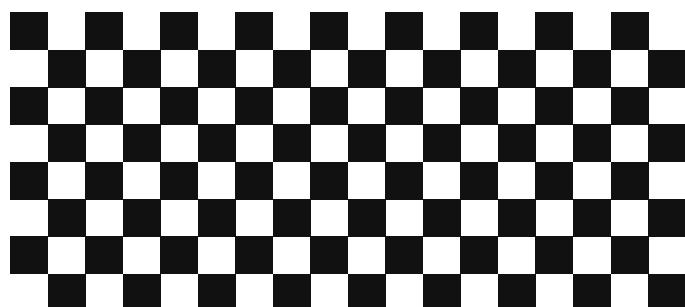
Completed applications should include:

1. Cover letter requesting travel funds and stating how attending the ICCP Training Course will assist with their research
2. Filled out Application Form (see WEBSITE)
3. MSc or PhD research summary
4. Letter of support from their primary faculty advisor.
5. Curriculum Vitae

Application materials should be sent electronically to the Chair of the Subcommittee. Please refer to the ICCP webpage: <https://www.iccop.org>

The selection of the grant awardee winner will be based on:

Merit of MSc or PhD research proposal
Potential impact in the scientific fields of the three ICCP Commissions: General Coal and Organic Petrology, Applications in Geology, and Applications in Industry



Members Corner

A NEW PETROGRAPHIC MICROSCOPE IN MOZAMBIQUE

The Department of Geology of Eduardo Mondlane University (DoG-UEM) in Maputo, Mozambique, has recently purchased a new Zeiss microscope fitted with the Hilgers Diskus components and software. Antje and Carl Hilgers visited Maputo in December 2015 to deliver a training course on the use of the equipment. The training was attended by 5 people (3 staff and 2 students). Although people are still busy learning to fully understand the use of the microscope, this is a great advance for the DoG-UEM on the research of organic petrology. (Lopo, Jan 2016).



Lopo and colleagues in Mozambique, with Carl and Anje Hilgers and the new system

New Applications for Associate Member



Fahrizan Sahputra (A1)
Australia
SGS Australia Pty Ltd
13 Interlink Court Paget
AU 4740 Mackay, Queensland
Ph +617 4951 6444
[mailto: fahrizan.sahputra@sgs.com](mailto:fahrizan.sahputra@sgs.com)

Mr Sahputra was born in Indonesia and has a BSc degree with major in chemistry. He has 2 years experience in coal petrology and has worked for SGS since 2012.



Riza Gökem Oskay (A1, 2, 3)
Turkey
Gazi Ataturk Bulvari 11/12
Gaziemir Izmir
Ph +090543790468
[mailto: gorkem.oskay@gmail.com](mailto:gorkem.oskay@gmail.com)

Dr Oskay completed his MSc degree in Izmir, and his PhD degree at the University of Patras, Greece. He is currently working in Turkey at the Hacettepe University undertaking hydrocarbon energy resource and coal petrology research.

New Applications for Full Membership



Malgorzata Piechaczek

Dr Piechaczek is based at the Institute for Chemical Processing of Coal, Zabrze, Poland.

<mailto:mpiechaczek@ichpw.pl>



Ali Ihsan Karayigit

Professor Karayigit is based at Hacettepe University, Ankara, Turkey

<mailto:aik@hacettepe.edu.tr>

All new applications will be assessed during the year and formally accepted at the annual ICCP meeting.

Please keep your contact details current, or you may miss important information

ICCP Publications & Training Material

ICCP Publications are available for purchase to all members and non-members

DO NOT SEND PAYMENT WHEN ORDERING, AN INVOICE SHALL BE ISSUED AFTER ORDERING

Orders to: Dr Peter Crosdale mailto: peter.crosdale@energyrc.com.au

P.O.Box 54, Coorparoo, Qld 415, Australia.

ICCP HANDBOOKS

- * *International Handbook of Coal Petrography 2nd Edition* (1963) (Eng.) CD Rom PC & Mac compatible with Adobe Acrobat Reader Ver 4. or above.
- * ICCP/TSOP Member 20€ (including postage) ; Non-member 40€ (including postage)
- * *International Handbook of Coal Petrography , supplement to the 2nd Edition* (1985) (Eng.) 24€
- * *International Handbook of Coal Petrography , 2nd supplement to the 2nd Edition* (1986) (Eng.) 8€
- * *International Handbook of Coal Petrography , 3rd supplement to the 2nd Edition* (1993 (Eng.) 16€

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 site of occurrence. ICCP News 39 Nov 2006 pp 55-56.

Cost: 16€ including postage

ICCP Training Material on Vitrinite Reflectance Measurements on Dispersed Organic Matter

CD & set of 4 polished grain mounts; CD's can be purchased separately ICCP News 39 Nov 2006 pp 53-54.

Cost: CD+polished blocks set 40€ incl. postage (ICCP/TSOP members); 120€ (non members)

CD alone: 16€

ICCP Training kit for spectral fluorescence measurements in Dispersed Organic Matter.

Two polished blocks Posidonia & Irati shales & Excel sheet of results from round robin exercises

Cost: samples & excel sheet 30€ incl. postage (ICCP/TSOP members); 90€ (non members)

ICCP Services

Accreditation Programs

Maceral Group Analyses of Coals (SCAP)

Convenor: Dr Kimon Christanis
Department of Geology
University of Patras
Ph +30-2610-99 7568
mailto: christan@upatras.gr

Vitrinite Reflectance of Coals (SCAP)

Convenor: Dr Kimon Christanis
mailto: christan@upatras.gr

Coal Blend Analysis (CBAP)

Convenor: Dr Isabel Suárez-Ruiz
Instituto Nacional del Carbon—CSIC
Oviedo, Spain
Ph +34-98-5119090
mailto: isruiz@incar.csic.es

Vitrinite Reflectance of Dispersed Organic Matter (DOM)

Convenor: Dr Ángeles Gómez Borrego
ICCP President
Instituto Nacional del Carbon—CSIC
Oviedo, Spain
Ph +34-98-5119090
mailto: angeles@incar.csic.es

ICCP Reflectance Standard

If you would like to check the calibration of your reflectance standard against the ICCP standard, please contact the following people for availability and costs:

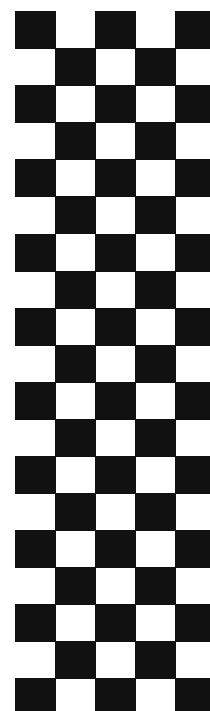
- Dr Walter Pickel, ICCP General Secretary
Director Organic Petrology, Coal and Organic Petrology Services Pty Ltd
Sans Souci, NWS, Australia
Ph +61-2-9524 0403
mailto: walter.pickel@organicpetrology.com

The standard is also available through

- Dr David Pearson
David E. Pearson & Associated Ltd
Victoria, British Columbia, Canada
Ph +1-250 477 2548
mailto: dpearson@coalpetrography.com

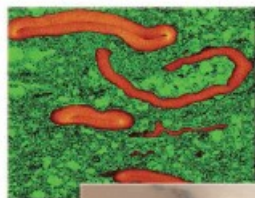
And

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



Conference flyers

SEPM-AAPG RESEARCH CONFERENCE MUDSTONE DIAGENESIS



Implications for Exploration and Development of Unconventional Reservoirs

LOCATION: Hilton Santa Fe Historic Plaza
Santa Fe, New Mexico
Date: October 16-19, 2016

This conference will promote the exchange of new ideas among the leading experts from industry, academia, and government on the controls and impacts of inorganic and organic diagenesis on mudstone hydrocarbon generation, reservoir properties and seal quality.

- Call for Abstracts – December 1, 2015
- Deadline for Abstracts – February 15, 2016
- Registration opens June, 2016

MAJOR THEMES

- Starting Materials: recent sediments and thermally immature rocks
- Mechanical Diagenesis: compaction, fluid expulsion and fracturing
- Inorganic Chemical Diagenesis: porosity and mechanical property evolution
- Organic Diagenesis: organic matter-rock interactions during petroleum generation
- Tools and Techniques: new advances and limitations
- Organic Matter: bridging the gap between optical & electron microscopic observations

CONVENERS

Wayne Camp (Andarko), Neil Fishman (Hess),
Paul Hackley (USGS), Kitty Milliken (BEG—UT Austin)
& Joe Macquaker (ExxonMobil)
Email: wayne.camp@anadarko.com

11th ECCRIA

11TH European Conference on Coal Research and Its Applications



Monday-Wednesday, 5th-7th September 2016

University of Sheffield, Sheffield, UK



The
University
Of
Sheffield.



Organised by the Coal Research Forum
www.coalresearchforum.org



Thirty Third Annual International PITTSBURGH COAL CONFERENCE

Conference Announcement and Call for Papers

Abstracts Due 1 March 2016

8 – 12 August 2016

Cape Town, South Africa

International Convention Centre



Coal - Energy, Environment and Sustainable Development



Hosted By:

- * African Carbon Energy
- * North-West University
- * University of Pittsburgh
Swanson School of Engineering



Welcome to the 35TH INTERNATIONAL GEOLOGICAL CONGRESS

27 AUGUST – 4 SEPTEMBER 2016 | CAPE TOWN, SOUTH AFRICA



5th Annual International Conference on Geological & Earth Sciences (GEOS 2016)

10 - 11 October 2016 - Singapore

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

President

(2015— 2019)

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(2015–2019)
Dr Peter Crosdale

mailto: peter.crosdale@energyrc.com.au



General secretary
(Acting) (2016—2019)
Dr Walter Pickel

mailto: walter.pickel@organicpetrology.com



**Commission I
Chair**
(2008– 2016)
Dr Deolinda Flores

mailto: dflores@fc.up.pt



**Commission I
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(2008–2016)
(Dr Stavros Kalaitzidis)

mailto: skalait@upatras.gr



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**Commission II
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Chair**
(2015—2019)
Dr Magdalena Misz-
Kennan

mailto: madalena.misz@us.edu.pl



**Commission III
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(2015—2019)
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Returning Officer: Dr Rudi Schwab mailto: schwab@btinternet.com
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Organic Petrology Award Committee: Contact the General Secretary, mailto: walter.pickel@organicpetrology.com

Webmaster (<http://www.iccop.org>):Contact Dr Stavros Kalaitzidis, mailto: skalait@upatras.gr
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Membership Enquiries:General Secretary Dr Walter Pickel,mailto: walter.pickel@organicpetrology.com;
.....or visit the website <http://www.iccop.org>

ICCP Publications & Training Material:...Dr Peter Crosdalemailto: peter.crosdale@energyrc.com.au

UPCOMING EVENTS

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

International Conference and Exhibition on Emissions Monitoring, CEM 2016, Lisbon, Portugal,
18–20 May 2016. www.cem.uk.com

IEA 1st High Efficiency low emissions coal-fired plant workshop, Tokyo, Japan, 23–23 May 2016.
<http://hele.coalconferences.org/ibis/HELE/home>

ICCP Course, June 2016, Potsdam, Germany. <http://www.iccop.org>

8th International Freiberg Conference on IGCC & Xtl Technologies, Cologne, Germany. 12–16
June 2016. <http://www.gasification-freiberg.com/en/>

33rd International Pittsburgh Coal Conference, Cape Town, South Africa , 8–12 August 2016.
<http://www.pcc.com>. Abstract by 30 March 2016 mailto: ipcc@pitt.edu.

35th International Geological Congress, Cape Town, South Africa, 27 August–2 September 2016.
<http://www.35igc.org/>. Abstracts end March.

11th European Conference on Coal Research and its Applications, ECCRIA, University of Sheffield,
Uk, 5–7 September, 2016. <http://www.maggichurchousevents.co.uk/CRF/index.htm>

6th Co-firing biomass with coal workshop Carbonia, Sardinia, Italy, 14–15 September 2016
<http://cofiring6.coalconferences.org>

ICCP-TCOP-AAPG Joint Conference Houston, USA. , 18–23 September 2016:
<http://www.iccop.org>; <http://www.tsop.org> (NB Please book accommodation a.s.a.p.). **Refer to circular in Newsletter**

SEPM-AAPG Research Conference Mudstone Diagenesis, Sante Fe, New Mexico, 16–19 October
2016: mailto: wayne.camp@anadarko.com

13th Greenhouse Gas Technologies Conference, GHGT-13 Lausanne, Switzerland, 1Nov 2016.
<http://www.ghgt.info>

5th Annual International Conference on Geological & Earth Sciences (GEO\$ 2016), Singapore, 10
–11 October 2016: www.geoeearth.org | secretariat@geoeearth.org

Membership Enquiries

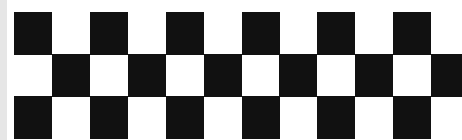
General Secretary mailto: walter.pickel@organicpetrology.com
 Or visit the website: <http://www.iccop.org>

ICCP NEWS Enquiries

Any submissions, contributions, letters, comments, news items,
 and so on, most welcomed
 Editor: Nikki Wagner / mailto: nwagner@uj.ac.za

President of the ICCP (2015— 2019)

Dr M Ángelez Gómez Borrego mailto: angeles@incar.csic.es



DEADLINE FOR
CONTRIBUTIONS TO
THE NEXT
ICCP NEWS:
8 July 2016