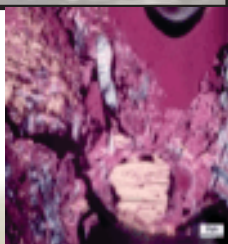
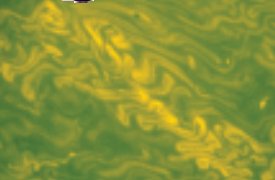
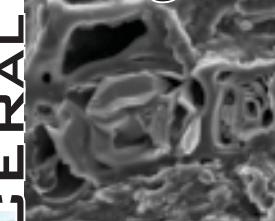


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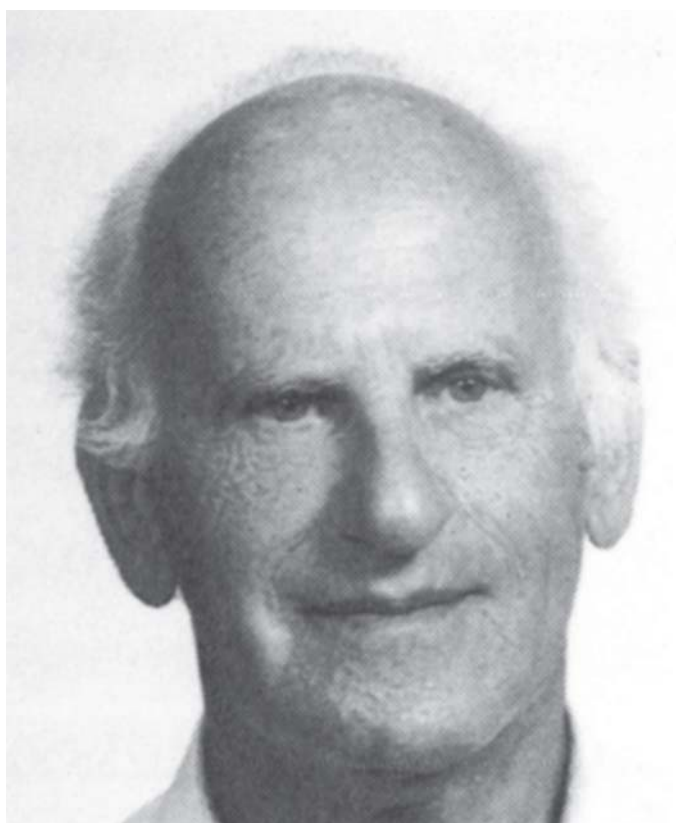


Reflectance
fluorescence

Kerogen



Boris Alpern



6th August 2014

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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



Vacant



Commission II Chair

Acting Chair
Jolanta Kus

mailto:j.kus@bgr.de

Commission II Secretary

(2012 - 2016)

Jolanta Kus

mailto:j.kus@bgr.de



Vice-president

(2011-2014)

Dr. Henrik Ingermann
Petersen

mailto:henrik.ingermann.petersen@maersk.com



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 Magdalena Misz-Kennan

mailto:magdalena.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:skalait@upatras.gr

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

I was last in Kolkata in July, 2000. I discovered the exact dates as I hunted through old passports looking for my last visa, in order to supply the necessary details for my current visa application. The visa application process itself was one fraught with dangers and frustrations but once underway ran rather smoothly and efficiently.

I am looking forward to engaging again in the city of Kolkata in a few days time. You cannot simply visit places like the Howrah Bridge, you cannot understand them through photographs, you cannot appreciate them on TV - it sounds trite, but you really do have to experience them. The mass of humanity surging over this icon on a daily basis, carrying all manner of goods for trade is something you have to be in thick of to understand. But this is the same for all of India - the beauties of the Taj Mahal or the Red Fort cannot be understood at all from afar, taken out of their human context.

Unfortunately, sightseeing is not the main reason for this particular excursion to the sub-Continent. The scientific programme as detailed in this newsletter is again extensive and rigorous. The variety of presentations scheduled for the symposium ensures that a real exchange of scientific ideas will take place. With this in mind, I am looking forward to a great time.

I am sure that for those who have not been to India before, a long lasting impression will be left. I very much look forward to seeing you all in India.

Peter

Institutional Members of ICCP



<http://www.tatasteel.com>

Dr P.K. Banerjee / Dr Rashmi
Research & Development Division
The Tata Iron & Steel Company Limited
Jamshedpur - 831 007
India
pkbanerjee@tatasteel.com / dr.rashmi@tatasteel.com

From the President

Dear colleagues,

At the time of writing, the Kolkata meeting is only a couple of weeks away. The detailed agenda for the meeting is given in this edition of the newsletter and again the program looks like it will be of great interest to many.

It is also pleasing to see the great variety of papers and posters to be presented at to the one day symposium. The strength of coal research in India is highlighted by the large number of papers covering all topics - from geology to utilisation. Practical problems are addressed as well as those of more academic interest using a large variety of more traditional as well as state-of-the-art techniques. I am certain that those of us lucky enough to attend the symposium will be greatly entertained and enlightened.

Also anticipated are to other delights, such as the food and the post-conference excursion. I am very much looking forward to seeing you all again this year and I hope that many members who cannot usually make the meeting are able to do so this time.

Best regards

Petra David
ICCP President

Know Your Coal Petrologist #54



I am seldom lost for words and in this particular case I have so many ideas that I really do not know where to start. Perhaps we can have a caption competition - please send your pithy suggestions to peter.crosdale@energyrc.com.au Answer on page 8.

66th ICCP Meeting

Science City, Kolkata, India

20th - 27th September 2014

organised by

*CSIR - Central Institute of Mining & Fuel Research
Council of Scientific and Industrial Research,
Ministry of Science & Technology, Government of India
Barwa Road, Dhanbad-826015, India*

Schedule ICCP

66th ICCP Meeting, Kolkata, India, 20th - 27th September 2014

Saturday 20/09/2014

15:00 - 17:30 Council Meeting

1. Apologies for non-attendance
2. Minutes of Previous Meeting
3. Arrangements for the Kolkata meeting
4. Future meetings
5. Awards
6. ICCP Student Grant
7. Elections
8. Membership
9. Financial matters
10. Editor
11. Accreditation Program
12. ICCP training activities
13. Website
14. New Handbook
15. Registration of ICCP
16. Revision of the Statutes
17. Relations with TSOP
18. Feedback from members
19. Other business

17:30 - 22:00 Registration and Welcome Dinner

Sunday 21/09/2014

09:00 - 10:00 Registration

10:00 - 11:00 ICCP welcome

11:00 - 11:15 Coffee Break

11:15 - 12:45 **ICCP General Assembly**

1. Apologies for Non-attendance
2. Minutes of Previous Meeting
3. Arrangements for Kolkata Meeting

4. Future Meetings (short status)

5. Membership

6. Elections (short status)

7. Editor's Report

8. Financial matters

9. ICCP Accreditation program

10. ICCP Training Subcommittee

12:45 - 13:30 Lunch

13:30-14:00 **Commission III** Opening Remarks-
I. Suárez-Ruiz & M. Misz-Kennan

14:00-15:00 Coal Blends Accreditation
Programme - I. Suárez-Ruiz

15:00 - 15:30 Coffee Break

15:30 - 16:00 Carbon materials. G. Predeanu &
C. Panaitescu

16:00 - 16:30 Coke Petrography WG - L. Johnson

16:30 - 16:40 Improved Image Analysis -
C. Rodrigues

16:40 - 17:30 Self-Heating WG -
M. Misz-Kennan, J. Kus, D. Flores

20:00 - 22:00 Dinner

Monday 22/09/2014

09:00 - 09:10 Characterization of Gasification
Products-N. Wagner

09:10 - 10:10 Fly ash WG - I. Suarez-Ruiz,
B. Valentim

10:10 - 10:30 Proposal of Accreditation
Programme on Structural Order - S. Rodrigues

10:30 - 11:00 Coffee Break

11:00 - 11:30 Commission III Concluding
Remarks- I. Suárez-Ruiz & M. Misz-Kennan

11:30 - 11:40 **Commission I** Opening Remarks,
Deolinda Flores & Stavros Kalaitzidis
11:40 - 12:00 SCAP - Single Coal Accreditation
Program, Kimon Christanis
12:00 - 12:15 ISO Standard, Walter Pickel
12:15 - 12:30 Peat Petrography, Stavros
Kalaitzidis & Kimon Christanis

12:30 - 13:30 Lunch

13:30 - 14:15 Standardization Working Group,
Walter Pickel
14:15 - 14:35 Suberinite WG, Peter Crosdale
14:35 - 15:00 New Methodologies and Techniques
in Organic Petrology WG, Lila Gurba

15:00 - 15:30 Coffee Break

15:30 - 17:00 **Microscope Session**

Tuesday 23/09/2014

09:00 - 09:15 Petrographic Image Database, Johan
Joubert, Ralph Delzepich, Paddy Ranasinghe &
Paul Hackley
Demonstration of USGS Photomicrograph
Atlas, Brett Valentine
09:15 - 09:40 Micro-FTIR WG, Dr. WANG
Shaoqing
09:40 - 10:00 New Handbook Editorial Group,
Ivana Sýkorová, Isabel Suárez Ruiz & Kimon
Christanis
10:00 - 10:30 Distinguishing Features of Macerals
EG, Walter Pickel

10:30 - 11:00 Coffee Break

11:00 - 11:15 QEMSCAN, Sandra Rodrigues
11:15 - 11:30 Microlithotypes, Walter Pickel
11:30 - 11:45 Oxidation WG, Jolanta Kus &
Magda Misz-Kennan
11:45 - 12:30 Liptinite Editorial Group, Walter
Pickel

12:30 - 13:30 Lunch

13:30 - 13:45 Commission I Closing Remarks,
Deolinda Flores & Stavros Kalaitzidis

13:45 - 14:00 **Commission II** Opening Remarks,
P. Hackley & J. Kus
14:00 - 14:30 Identification of Primary Vitrinite, P.

Hackley & B. Valentine
14:30 - 15:00 Correction function for Fluorescence
lamps - A.G. Borrego

15:00 - 15:30 Coffee Break

15:30 - 16:00 DOM Atlas - ICCP-TSOP
I. Suarez-Ruiz,
16:00 - 16:45 Palynofacies - J.G. Mendonça Filho
16:45 - 17:15 Dispersed Organic Matter White
Paper - M. Hamor-Vidó,

17:30 - 20:00 Council Meeting

Wednesday 24/09/2014

09:00 - 9:45 Concentration of Organic Matter - J.
G. Mendonça Filho
09:45 - 10:15 Identification of Dispersed Organic
Matter, J. Kus,
10:15 - 10:30 DOMVR and CIR in Commission II-
A. G. Borrego

10:30-11:00 Coffee Break

11:00 - DOMVR Accreditation Program, A.G.
Borrego
11:30 - 12:00 CBM/CO₂ Sequestration - L. Gurba
12:00 - 12:30 Shale Gas Studies - L. Gurba

12:30 - 13:30 Lunch

13:30-14:00 Reappraisal of Pseudovitrinite - L.
Gurba

14:00-14:10 Commission II Closing Remarks -P.
Hackley, J. Kus

15:30 - 17:00 **ICCP General Assembly**

11. Registration
12. Revision of Statutes
13. Membership
14. Website

15:00 - 15:30 Coffee Break

- ICCP General Assembly
15. Registration
 16. Revision of Statutes
 17. Membership
 18. Website

19. Elections
20. Short reports from the Commission Meetings
21. Short report from the Council Meeting
22. Arrangements for 2015 Meeting
23. ICCP Awards
24. Others

18:00 - 22:00 Conference Dinner

Thursday 25/09/2014

09:00 - 17:00 ICCP Symposium

Friday 26/09/2014 & Saturday 27/09/2014

Field trip Sunderban Delta



Sunderban delta tiger



Howrah Bridge

Summary of Oral and Poster Papers for the ICCP Symposium

Petrographic classification of fly ash components. *Isabel Suárez-Ruiz, Bruno Valentim, Ángeles G. Borrego, Antonis Bouzinos, Deolinda Flores, Stavros Kalaitzidis, MaryAnn Love Malinconico, Manuela Marques, Magdalena Misz-Kennan, Jose Ramón Montes, Sandra Rodrigues, Georgeta Predeanu, Giorgios Siavalas, Nikki Wagner*

Correlation of petrochemical and field emissivity data (spectroradiometry) of coal and different lithotypes - A case study from Indian coal mines. *Ashok K. Singh, Priya Kumari, Neelam Kumari, Ravi Shankar, N. K. Shukla, N. Choudhury, Amalendu Sinha*

Hydrous pyrolysis experiments to detect “vitrinite reflectance suppression”. *Paul C. Hackley, Gregory Baugher, Michael Lewan, Brett J. Valentine*

Petrographic characteristics - their guiding role to assess the burning behaviour of Indian coals. *Nandita Choudhury, P. Sarkar, A. Choudhury, P. Boral, S. Kumar, N. K. Shukla, Ashok K Singh, S. G. Sahu, A. Adak, S. Biswas, Amalendu Sinhal*

Understanding the effect of coal grain size composition of coke oven feed on gravity-charge and stamp-charge coke properties. *Sushil Gupta, Fanyu Meng, Pramod Koshy, Charles Sorrell, Graham O'Brien, David French*

Optical and spectral fluorescence properties of bituminite I: A case study of Lower Jurassic Posidonia Shale from the Lower Saxony Basin, Germany. *Jolanta Kus, Ch. Ostertag-Henning, M. Blumenberg*

Organic petrology of the Aptian-age section in the downdip Mississippi interior salt basin, Mississippi, USA: Implications for thermal maturation history. *Brett J. Valentine, Paul C. Hackley, Catherine B. Enomoto*

Environmental hazards potentially associated with the use of coal waste for reclamation and landfill – a study of the Welnowiecdump (Poland). *Nitecka N., Wiktorzak A., Fabianska M.J., Misz-Kennan M., Ciesielczuk J.*

Evolution of organic porosity with increase in temperature. *Isabel Suárez-Ruiz, T. Juliao Lemus, B. Ruiz, R. E. Marquez*

Determination of optimum reactives to inerts ratio

- for Indian coking coals of different ranks. *Tamal Kanti Das*
- The Importance of Gas Composition for Saturation Calculations in CBM Reservoirs. *Peter J. Crosdale, Tim A. Moore*
- Rheological properties of West Bokaro coals and their importance in coke making. *Ch Gopi Krishna, P. Srinivasa Rao, P. Khattri, S. Mohan Rao, A. Kumar*
- Thermal maturity of Early-Middle Jurassic formations in well Sangaw North-1 (SN-1), Garmian area, Kurdistan, NE Iraq: implications for petroleum generation. *Diyar Abdulqader Saeed, Ibrahim M. J. Mohialdeen, Stavros Kalaitzidis*
- Understanding coal petrology for efficient combustion of low bituminous coal at Kahalgaon Super Thermal Power Station. *Ranjit Kumar Das, K. Acharyya, A. K. Barman, D. Ray*
- Petrography and organic geochemistry of Lower Silesia coal wastes subjected to self-heating. *Bednarek M., Misz-Kennan M., Fabiańska M.J., Ciesielczuk J., Kruszewski Ł.*
- Petrographic and geochemical features of unburnt coal organic matter from smelting wastes in the Wełnowiec dump, Poland. *Fabiańska M. J., Wartok D., Misz-Kennan M., Ciesielczuk J.*
- Petrographic approach on suitability of a few coal seams for liquifaction in Talcher Coalfield, Orissa, India. *S. N. Chaudhuri*
- Petrography and Hydrocarbon Potential of Khadsaliya Lignite Deposits (Saurashtra Basin) Gujarat, western India. *V. P. Singh, B. D. Singh, M. P. Singh, Alpna Singh & S. Dutta*
- Petrological and biological studies on some fly and bottom ash collected at different times from an Indian coal-based captive power plant. *Binoy K Saikia, James C. Hower, M. Hood, A. Sharma, H. P Dekaboruah, R. Baruah, B. P. Baruah*
- Influence of anhydrite on thermal maturation and retention of bitumen: the case of the Arruda sub-basin (Lusitanian Basin Portugal). *Paula A. Gonçalves, João G. Mendonça Filho, Deolinda Flores*
- Organic facies characterization of Pemba Formation, Rovuma basin, Mozambique, based on dispersed organic matter characterization. *Mendonça Filho, J.G., Vasconcelos, L. & Achimo, M.*
- Shale gas potential of Lower Permian shales from Raniganj and West Bokaro basins, India. *Atul K. Varma, B. Hazra, S. K. Samad, S. Panda, V. A. Mendhe and S. Singh*
- The effects of self-burning process in coal mining residues from El Bierzo Coalfield, Spain. *J. Ribeiro, I. Suárez-Ruiz, D. Flores*
- Features of the composition of deeply sorbet hydrocarbons derived from brown coals. *I.E. Stukalova, V.S. Lebedev*
- Hydrous pyrolysis products from a recent microbial mat: geomicrobiological and geochemical approaches. *Mendonça Filho, J.G., Franco, N., Silva, T.F., Stojanović, K., Carvalhal-Gomes, S.B.V, Silva, F.S., Fontana, L.F., Furukawa, G.G.*
- Ash deposition characteristics for single and blended Moolarben coal in coal combustion. *Byoung-Hwa Lee, Yanuar Yudhi Isworo, Sushil Gupta, and Chung-Hwan Jeon*
- Holocene peat deposit in tracing climate and coast line change in South Bengal Basin, India. *Manju Banerjee, Prasanta Kumar Sen, Sudha Gupta*
- Petrographic characteristics and depositional conditions of coals of Karharbari Formation, Talcher Coalfield, Orissa, India. *Alok K. Singh*
- Coke structure and coke strength. *Lauren Johnson, William Cash, Philip Bennett*
- Evaluation of Coal Rank from Petrographic Analysis. *Mamatha D., Mrunmaya K. P., Ankit Rana*
- Reduction of BF coke cost through effective utilization of Indian LVHR and low rank coking coals in blends-a petrographic approach. *H. K. Mishra, T. K. Das, J. Maitra, Z. Imam S. Saran and A. K. Debnath*
- Influence of petrographic characteristics of coking coal used in coke oven and their effect on coke strength after reaction (CSR) in Visakhapatnam Steel Plant (VSP). *Nilu Kumar, R. Siva kumar, T. Yamini*
- Assessment of coke quality and influence of coal composition: A petrographic approach. *Rashmi Singh, Debjani Nag, T. K. Ghosh, P. K. Banerjee*
- Microstrength and CO₂ reactivity variations in cokes with the addition of different sized charcoal. *A. Guerrero, M.A. Diez, A.G. Borrego*
- Petrographic studies of raw and beneficiated low volatile coking coals of India. *T. Gouri Charan, K. M. K. Sinha, G. S. Jha, P. S. Prasad, K. M. P. Singh*
- Comparative petrographic studies of imported and washed Indian coking coals for metallurgical purposes. *S. Chaudhuri, U. S. Chattopadhyay, S. K. Kabiraj, S. C. Maji and T.G. Charan*
- Petrographic controls on coal seams from Korba basin, Chhattisgarh, India for char development.

- Atul K. Varma, S. K. Banerjee, D. Sen, B. Hazra, V. K. Saxena and B. D. Singh*
Analysis of iron and iron phases in fly ash to be used as a geoliner construction material. *N. Shreya, B. Valentim, B. Paul, C. R. Gomes, H. Sant'Ovaia, S. Pinho, J. Ribeiro, C. R. Ward, D. Flores*
- Vertical variation of sporomorph spectral fluorescence parameters from Comeya peat (Asturias, N. Spain) as palaeoenvironmental proxies. *J. Urbanczyk, Maria A. F. Casado, Tomás E. Díez, Angeles G. Borrego*
- Petrography, palynofacies and organic geochemistry of matasukh lignites (Rajasthan), western India: An insight into the organic composition, depositional environment and hydrocarbon potential. *Alpana Singh, S. Mahesh, B. D. Singh, R. P. Mathews, V. P. Singh & S. Dutta*
- Bulk organic geochemical and petrographical evaluation of the Eocene Panandhro Lignite deposits (Kachchh Basin), Western India. *R. P. Mathews, B. D. Singh, Alpana Singh Suryendu Dutta*
- An insight into the nature and origin of coal lithotypes and macerals Vis-à-vis environment friendly use of coal in industries. *Subhasis Sen, Meera Sen*
- Studies on CO₂ gasification characteristics and petrographic composition of high ash Indian coals. *Sujan Saha, G. Sahu, P. D. Chavan, S. Datta and S. Kumar*
- Comparison of individual maceral chemistry and functional groups of bituminous coals of different geological setting. *Mamta Sharma, A. Banerjee, V. Mishra, R. D. Biswas, S. Chakravarty*
- Evaluation of nitration effect on petrographic characteristics of coals from Jharia coalfield, India by FT-IR and Wide Angle X-ray Scattering. *Prabal Boral, Sudip Maity and Atul K. Varma*
- Petrological evaluation and depositional conditions of coals of Chano-Rikba Block, North Karanpura Coalfield, district-Hazaribagh, Jharkhand, India. *M. L. Banra, B. R. Jha, A. K. Sinha*
- Variation in coal quality with respect to the petrographic make-up; A case study from Indian coalfields. *Niraj K. Shukla, Ashok K. Singh, B. Ghosh, S. Kumar, P. Boral, V. Singh and N. Choudhury*
- Studies on variation of chemical composition of maceral with vitrinite reflectance of Jharia and Singrauli coals of India. *Saroj Kumar, P. Boral, Ashok K. Singh, V. Singh, N. K. Shukla and Nandita Choudhury*
- Relation of specific gravity & Gross Calorific Value in coal-a case study. *M. K. Saini, P. K. Srivastava, S. K. Laha*
- Influence of petrographic constituent and chemical parameters on grindability behaviour of selected coals from Damodar and Moher Basin, India. *Vivek Singh, S. Kumar, N. K. Shukla, R. K. Dubey, Ashok K. Singh and N. Choudhury*
- Characterization of the dispersed organic matter and hydrocarbon generation potential of laminated calci-mudstones of the Variscan foreland basin of the Cantabrian Zone (Serpukhovian-Bashkiran, N of Spain). *Piñero Figueroa, C., Borrego, A. G., Merino Tomé, O*
- Demineralization of Rajmahal Gondwana coals with bacteria: An attempt to obtain clean fuel. *P. K. Singh, Mahendra P. Singh, Asha Lata Singh and A. Kumar*

eds note: list complete at time of publication and apologies for any omissions

Answer to Know Your Coal Petrologist #54

Just the thing for hunting Bengal tigers - a pith helmet but where is the white safari suit to go with it? Only Stavros Kalaitzidis could get away with such a combination now that the 70's are long gone.

**DEADLINE FOR NEXT
ICCP NEWS :**

3RD NOVEMBER 2014

First Circular



**66th ANNUAL MEETING AND SYMPOSIUM
OF
THE INTERNATIONAL COMMITTEE
FOR
COAL & ORGANIC PETROLOGY
(ICCP-2014)**

September 20 - 27, 2014

Science City, Kolkata, India



Organized by:



**CSIR-CENTRAL INSTITUTE OF MINING & FUEL RESEARCH
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH,
Ministry of Science & Technology, Government of India
Barwa Road, Dhanbad-826015, India**

www.iccp2014india.org



INTERNATIONAL COMMITTEE FOR COAL & ORGANIC PETROLOGY (ICCP)

International Committee for Coal and Organic Petrology (ICCP) is the main body on basic research on petrographic entities of coal and organic matters. For more than 65 years it has been organizing different activities on basic research on coal petrography involving the talented petrographers from across the globe. One of the main activities of the ICCP is the constitution of different commissions/working groups on various themes/topical issues on basic and applied aspects of coal petrography. The expert members of the Working Groups through rigorous exercises of round robin test evolve the standardized procedures on various themes, which on finalization in its General Body/Council meetings is recommended to different standardization bodies like ISO, ASTM, AS, IS, etc. It arranges Accreditation Programmes to create a pool of accredited coal petrographers and provides trainings on basic and applied aspects of coal petrography at different venues. It also arranges geological field trips on fossil fuel exploration / environmental aspects.



HOST ORGANIZATION: CSIR-CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD

The current meeting and symposium (ICCP-2014) is being organized by CSIR-Central Institute of Mining & Fuel Research (CIMFR), a premier Research Institute of India providing basic research, R&D back up, advisory services and help in technology upgradation & adoption to coal and mineral based industries to reach the targeted production with high standards of safety, economy and cleaner environment. CIMFR is a constituent laboratory of the Council of Scientific and Industrial Research (CSIR), which is an autonomous body of the Government of India. An ensemble of 37 state-of-the art institutes, CSIR, today is amongst the foremost public funded scientific and industrial research organizations in the world.

Field Trip

Field Trip to Sunderban, 02 Days/01 Night is being specially organized for 66th Annual Meeting of ICCP participants. As a bonus some sightseeing is being offered at Kolkata and suburbs areas. To book Field Trip and other sightseeing, please email: iccp2014tours@kwconferences.com.

About the Meeting & Symposium

The 66th Annual Meeting of ICCP is scheduled to be held at Science City, Kolkata during September 20-24, 2014.

One day symposium will be arranged on September 25, 2014.

Theme

The theme of this symposium is *"Application of Organic Petrography for Power & Steel Industries-our preparedness for facing the challenges in coming decades"*. The symposium will focus on topical issues on coal usage for Steel & Power industries with exposures on new and emerging techniques on coal sciences.

ICCP is organizing four days short course on Coal Petrology:
8th ICCP Training Course on Coal Petrology on the topic **"Organic petrology for industrial applications"**
at Kolkata during 16-19 September 2014.

Contact Person: Dr. Angeles Borrego, General Secretary, ICCP, Spain

The Lecturers/Instructors: Dr. Walter Pickel, Austria & Dr. Isabel Suárez-Ruiz, Spain

Details are available on: www.iccop.org



Welcome Message



Distinguished Guests, Ladies and Gentlemen,

It is our proud privilege to invite all members of the coal, mining, steel, energy and other related industries to attend the **66th ANNUAL MEETING AND SYMPOSIUM OF THE INTERNATIONAL COMMITTEE FOR COAL & ORGANIC PETROLOGY (ICCP-2014)**, in Kolkata, India during September 20 -27, 2014. This is the first time that this meeting will be held in India.

The venue of the meeting and symposium is Science City, Kolkata, a historical city. The adjoining geographic areas of Kolkata are rich in coal deposits and mining activity is extensively carried out in this region and caters to the need of coal for neighbouring and far off located power and steel plants of India.

The scientific programme has been designed on the theme “Application of Organic Petrography for Power & Steel industries-our preparedness for facing the challenges in coming decades”. The symposium will focus on topical issues on coal usage for Steel & Power industries with exposures on new and emerging techniques.

Apart from a content-rich programme, you will have the opportunity to undertake a two day field trip being proposed during September 26 -27, 2014 to a nearby place of interest. Delegates will also have ample opportunity to network with contemporaries. First time visitors to this part of the country can also take this opportunity to visit many heritage monuments.

The organizing committee has spared no effort to ensure that **ICCP-2014** be a memorable event, characterized by warmth and hospitality.

We extend warm welcome to one and all and look forward to welcome you in **ICCP-2014** at Kolkata.

Dr. Ashok K. Singh

Organizing Secretary and Convener
ICCP-2014

Dr. Amalendu Sinha

Chairman, Organizing Committee
ICCP-2014

Call For Papers

Abstracts are invited on the symposium theme “**Application of Organic Petrography for Power & Steel Industries-our preparedness for facing the challenges in coming decades**”. To be considered for presentation at the Conference, abstracts must be submitted by **15 July 2014** and should strictly follow the guidelines below.

Conference Language

The official language of the Conference is English. Abstracts must be written in English using the submission format on the Conference website.

Submission of Abstracts

Abstracts must be submitted electronically through email to Email: singh_ak2002@yahoo.co.in, iccp_india14@yahoo.com

Format of Abstract

- The abstract should not exceed maximum of two pages including title, diagrams, charts, footnotes and Information about affiliation of the authors and contact details of the corresponding author. The purpose of the study, principal results and major conclusions must be highlighted in the abstract. It should reflect salient new findings.
- The abstract should be written in MS Word 2007 with default margins.
- The title of the abstract should be written using the format (Times New Roman, Bold, and 14 Point).
- The body of the abstract should be written using the format (Times New Roman, 12 Point, Spacing 1, 1.5).
- The name of the authors and affiliations should be written using the format (Times New Roman, 10 Point).

Publication

Efforts will be made to publish selected papers in a special volume of International Journal of Coal Geology, Elsevier. All abstract submission will be through email only. The details on abstract submission system are available on the website www.iccp2014india.org.

An authorization letter to publish the paper and declaration of non-violation of copyright with respect to the contents of the paper should be sent as a second attachment.

Important Dates

| | |
|--|-------------------|
| Abstract submission deadline | July 15, 2014 |
| Abstract acceptance notification | August 15, 2014 |
| Pre-registration for Symposium | July 31, 2014 |
| Finalization of Programme for oral/poster presentation | August 15, 2014 |
| Deadline for submission of full paper for publication in International Journal of Coal Geology | December 31, 2014 |

Sponsorship

66th ICPP 2014 will provide you with an ideal opportunity to project and show case your organisation to the decision makers and delegates of key public and private sector and overseas end users.

The Organising Committee has designed packages as given below for various sponsorship categories and all sponsors will be given recognition during the build up and event dates.

| Category | Indigenous Firms | Overseas Firms |
|-------------------------|------------------|----------------|
| Platinum sponsor | INR 1000000 | USD 15000 |
| Gold Sponsor | INR 700000 | USD 11000 |
| Silver Sponsor | INR 500000 | USD 7500 |
| Supporting Organization | INR 200000 | USD 3000 |
| Exhibitor | INR 150000 | USD 2200 |

To discuss sponsorship and exhibition opportunities, please contact **Dr. Ashok K. Singh** Organizing Secretary, ICPP-2014 India, Mob.: +91 9431317806 or by Fax: +91 326 2388361, 2381113, or by Email: singh_ak2002@yahoo.co.in, iccp_india14@yahoo.com

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Registration Information

Save on the Registration Fees by registering before July 31, 2014 !

It is recommended that registrations are made online at www.iccp2014india.org. If you need assistance with your online registration, please contact ICPP 2014 secretariat at iccp2014india@kwconferences.com.

Registration Fee

International Delegates Registration Fee (USD)

| 66th ICCP Meeting + International Symposium | Up to July 31, 2014 | After July 31, 2014 |
|--|----------------------------------|----------------------------------|
| Members | <input type="checkbox"/> USD 300 | <input type="checkbox"/> USD 325 |
| Non-Members | <input type="checkbox"/> USD 325 | <input type="checkbox"/> USD 350 |
| Student/Research Scholar/Research fellows | <input type="checkbox"/> USD 100 | <input type="checkbox"/> USD 125 |
| International Symposium on Coal Petrography | | |
| ICCP Registered Delegates + Students | Nil | Nil |
| Delegates | <input type="checkbox"/> USD 100 | <input type="checkbox"/> USD 125 |
| Student/Research Scholar/Research fellows | <input type="checkbox"/> USD 75 | <input type="checkbox"/> USD 100 |
| Field Trip to Sunderban | | |
| Delegates | <input type="checkbox"/> USD 180 | |
| Spouse | <input type="checkbox"/> USD 107 | |

Indian Delegates Registration Fee (INR)

| 66th ICCP Meeting + International Symposium | Up to July 31, 2014 | After July 31, 2014 |
|--|------------------------------------|------------------------------------|
| Members | <input type="checkbox"/> INR 12000 | <input type="checkbox"/> INR 13500 |
| Non-Members | <input type="checkbox"/> INR 15000 | <input type="checkbox"/> INR 16500 |
| Student/Research Scholar/Research fellows | <input type="checkbox"/> INR 6000 | <input type="checkbox"/> INR 7500 |
| International Symposium on Coal Petrography | | |
| ICCP Registered Delegates + Students | Nil | Nil |
| Non-ICCP Registered delegates | <input type="checkbox"/> INR 5000 | <input type="checkbox"/> INR 6500 |
| Student/Research Scholar/Research fellows | <input type="checkbox"/> INR 3000 | <input type="checkbox"/> INR 4500 |
| Field Trip to Sunderban | | |
| Delegates | <input type="checkbox"/> INR 11000 | |
| Spouse | <input type="checkbox"/> INR 6500 | |

Notes:

1. For Conversion, **1 USD= INR 61.**
2. Indian delegates are requested to convert applicable USD fee to INR for payment for **Field Trip** (September 26 -27, 2014).
3. Fee paid by Delegates for Field trip includes transportation, meals and one night accommodation.
4. Spouse can register and travel for Field trip only with their registered delegate. Fee paid by Spouse for Field trip includes transportation, meals and one night accommodation on double occupancy sharing basis with their registered delegate.
5. Student/Research Scholar/Research fellows to submit a certificate from respective Head/Chief of their department/institute.

Cancellation and Refund Policy: Cancellations received in writing by the conference secretariat to: iccp2014india@kwconferences.com will be refunded after the conference at the following rates. Date of receipt of communication for cancellation will be used for calculating amount of refund. Refunds will be credited only to the account from where registration amount was received.

1. **On or before 15 July 2014:** - Full refund minus 15% cancellation / admin fee
2. **16th July 2014 – 10th September 2014:** - Full refund minus 25% cancellation fee
3. **After 10th September 2014:-** We regret no refund can be made although name substitutions can be made at any time

Souvenir

A Souvenir will also be released on this occasion and it will contain messages from eminent personalities, advertisements, contact information of the firms participating and other vital information on the subject of the meeting and symposium, and will be sent to individuals, organizations, senior executives and policy maker bodies. We urge you to take advantage of this opportunity to market your products and services by releasing an advertisement in the souvenir.

The specifications and tariffs are as below

| ADVERTISEMENT [Souvenir size: A4 Colour: 4-colour Format: Corel Draw, EPS, or High res PDF] | | |
|--|------------|-----------------------|
| Indigenous Firms In INR | | Overseas Firms In USD |
| Back Cover | INR 150000 | USD 2500 |
| Inside Front Cover | INR 125000 | USD 2000 |
| Inside Back Cover | INR 125000 | USD 2000 |
| Full page | INR 100000 | USD 1600 |
| Half page | INR 50000 | USD 800 |

Please book your advertisement by sending the material by **July 31, 2014** along with your payment (DD/Pay Order) in favour of "KW Conferences Pvt Ltd". KW Conferences Pvt Ltd is the Professional Conference Organiser for 66th ICCP 2014.

PAYMENT OPTIONS:

A. Demand Draft/Pay Order in favour of KW Conferences Pvt Ltd to be sent by courier/post to the Secretariat at the address given below

B. **Wire Transfer as per the details below**

Bank Name : Axis Bank Ltd
Bank Address : B - 81, Defence Colony New Delhi - 110024, India
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IFSC Code : UTIB0000357
Swift Code : AXISINBB357

KW Conferences Pvt. Ltd.

ICCP 2014 Secretariat

A 56/12, DLF Phase I
Gurgaon 122 002, Haryana, India
Tel: +91-124-463 6700
Fax: +91-124-410 2075
Email: iccp2014india@kwconferences.com

Venue: Science City

Science City, the largest science centre in the sub-continent, under the National Council of Science Museums (the apex body of science museums/centres in India), consists of two facilities, the Science Centre and the Convention Centre. The Science Centre complex comprises Space Odyssey, Dynamotion, Evolution Theme Park, Maritime Centre and a Science Park. The Space Odyssey houses India's first Large Format Film Theatre, Time Machine, 3-D Vision Theatre, Mirror Magic and exhibits on space science, motion, electricity and virtual reality.

The Convention Centre complex comprises the Grand Theatre (2232 seating capacity), one Mini Auditorium (392 seating capacity) and a Seminar hall building with 11 halls ranging from 15 to 100 seating capacity, indoor (270sq.m.) and open air exhibition ground (20000 sq. m). The auditoria and the seminar halls are fully air-conditioned. The Convention Centre of Science City is the most sought after destination for conventions, meetings, company AGMs and cultural programmes.

Location:

Science City, J. B. S. Haldane Avenue, Kolkata 700046, India

Phone: +91 33 22854343, 22851572, 22852607



Hotel Accommodation

On behalf of the ICCP local organising committee, KW Conferences, the professional conference organizer, is holding rooms at specially negotiated discounted rates at the following official hotels. For delegates who have booked through KW Conferences, the rates are inclusive of buffet breakfast, and all currently applicable taxes.

To book a hotel, please email: iccp2014hotels@kwconferences.com.



| Hotel | Tariff - Single (INR) | Tariff - Double (INR) | Travel Time to Venue | Distance to Airport |
|--------------------|-----------------------|-----------------------|----------------------|---------------------|
| ITC Sonar - 5* | 7100 | 8650 | 5 Mins | 16 km |
| Hyatt Regency - 5* | 6990 | 7510 | 15 Mins | 11 km |
| The Stadel - 3* | 3150 | 3830 | 15 Mins | 10 km |
| The Pearl - 3* | 3850 | 4630 | 15 Mins | 8 km |

For budget and guest accommodation, please email: iccp2014hotels@kwconferences.com.

Payment & Cancellation Terms

Reservations of hotel rooms must be accompanied by the total amount of all nights booked.

Cancellation for Hotel Accommodation:

- Before August 15, 2014, total amount will be refunded less bank charges, and applicable taxes
- After August 15, 2014, no refunds will be made
- Please note that in case of late check in, early departure or no-show, no refunds will be made
- All requests for changes and cancellations must be made to the Congress Secretariat (KW Conferences) in writing and not to the hotel
- All bookings will be processed on a first-come-first-served basis

Field Trip

Sunderban Tour – 01 Night/ 02 Days

Sundarbans Delta, one of the World's Cultural Heritage sites, situated along Hooghly River Estuary in West Bengal to the Meghna River Estuary in Bangladesh area, is also one of the Recent Peat Formation sites in India. This is the world's biggest delta created by the running rivers of Ganga, Brahmaputra and Meghna. The Sundarbans national park is a huge territory of woodland and saltwater fen at about 160 miles beside the Bay of Bengal. It is also famous for Sundarbans tigers & major estuarine sanctuary in the earth, and home of India's most wonderful flora and fauna species. This will be great attraction with the panoramic beauty of tiger and other wildlife animals.

| City | Name of the Hotel | Room Category | Nights |
|------------------------|-------------------|----------------------|--------|
| Sunderban | Sunderban Camp | Deluxe Cottage | 01 |
| Validity: January 2015 | | Tour Cost in INR | |
| Delegates | | INR 11000 Per Person | |
| Spouse | | INR 6500 Per Person | |



To book the Tour, please email: iccp2014tours@kwconferences.com

Other conducted Tours (Pre & Post)

Kolkata – Mandarmoni – Tajpur Tour (2 night & 3 days)

| City | Name of the Hotel | Room Category | Nights |
|--|-------------------|----------------------|--------|
| Mandarmoni | Hotel Rose Valley | AC Deluxe Room | 01 |
| Tajpura | Tajpura Retreat | AC Standard Room | 01 |
| Validity : January 2015 | | Tour Cost in INR | |
| 01 Paying Pax Traveling alone | | INR 21919 | |
| 02 Paying pax traveling together on Twin sharing basis | | INR 11862 Per Person | |



Please Note: Adventure Activity (Para-gliding, rafting, rock-climbing etc.) **Rs.1800/- per person**

Golden Triangle Tour (03 night & 04 days)

“Golden Triangle Tour is the most popular tourist circuit in India. This incredible Golden Triangle Tour Itinerary comprising the three famous cities of India-Delhi, Agra and Jaipur having grandeur, glory & history. The Golden Triangle is so called because of the triangular shape formed by the locations of New Delhi, Agra and Rajasthan on a map, but is occasionally expanded to include the wider geographical area of North India, most frequented by tourists.

| Cost Basis | Tour Cost in INR |
|--|----------------------|
| 01 Paying Pax Traveling alone | INR 58550 |
| 02 Paying pax traveling together on Twin sharing basis | INR 40650 Per Person |



Excursion tour to Bishnupur - The Terracotta Paradise

Kolkata – Bishnupur – Kolkata [160 kms / 4 ½ - 5 hours one way]

Bishnupur is noted for its assemblage of large number of temples of considerable grandeur and big tanks. Bishnupur still retains the flavor of an old Bengali urban complex which had witnessed great splendor and magnificence in the days of its power and glory. Bishnupur is famous for its own classical musical gharana established in 1370.

| Cost Basis | Tour cost per person |
|--|----------------------|
| Minimum 10 Pax using A/c Tempo Traveller | INR 5625 |



Excursion tour to Shantiniketan

Shanti Niketan means the abode of peace. In 1863, a meditation center was founded at Shanti Niketan by Maharishi Debendranath Tagore, the father of the world famous Bengali Poet Rabindranath Tagore. Rabindranath established the Brahma Vidyalaya and in 1901 another open air school “Brahmacharya Ashram”. In 1921, it had expanded into Vishwa Bharati University – a residential university with an international body, hostels and extensive grounds. It includes separate colleges for fine arts and crafts, dance, music, teachers’ training, Asian languages, technology, postgraduate studies and research.

Tour Cost in INR (Indian Rupee)

| Cost Basis | Tour cost per person |
|--|----------------------|
| Minimum 10 Pax using A/c Tempo Traveller | INR 6135 |



Local Sightseeing – Full Day

Visit to Dalhousie Square (GPO, Writer's Building, High Court, and Governor's House etc.) St. John's Church, Flower Market, a short walk on the Howrah Bridge, Jain Temples, Kumartuli (Potter's Colony cum Statuary), Indian Museum (closed on Monday), Victoria Memorial (closed on Monday) and St. Paul's Cathedral Church.

Duration: 9.00 am to 5.00 pm, **Schedule:** Open all days of the week except Monday Indian Museum and Victoria Memorial are closed.

Tour Cost in INR (Indian Rupee)

| Cost Basis | Tour cost per person |
|--|----------------------|
| Minimum 10 Pax using A/c Tempo Traveller | INR 2560 |



Local Sightseeing – Half Day

Tour Fast Facts: Visit to Dalhousie Square (mainly drive around), St. Paul's Cathedral Church, Victoria Memorial and South Park Street Cemetery.

Duration: 9.00 am to 1.00 pm, **Schedule:** Open all days of the week except Monday Victoria Memorial is closed.

Tour Cost in INR (Indian Rupee)

| Cost Basis | Tour cost per person |
|--|----------------------|
| Minimum 10 Pax using A/c Tempo Traveller | INR 1540 |

General Information

Access/Security:

Name badges will be provided to Delegates and Accompanying Persons during registration and will be required for admission to all sessions, the exhibition and social events.

Airport:

Netaji Subhas Chandra Bose International Airport in Kolkata serves the greater Kolkata metropolitan area. It is located approximately 17 km from the city centre. Spread over an area of 1670 acres, Kolkata airport is the largest in eastern India and one of the two international airports operating in West Bengal. It is the fifth busiest airport of India in terms of passenger traffic and is a major center for flights to North-East India, Bangladesh and South-East Asia.

Banks:

Normal commercial banking hours are from 10:00 to 16:00 hrs from Monday to Friday and 14:00 hrs on Saturdays. Banks are closed on Sundays and on public holidays.

Climate:

Kolkata in the month of September is characterized by monsoon period and temperature ranges between 20 and 35 °C over the course of the month. Daily low temperatures range from 17 °C to 25 °C. Occasional rains may be there.

Dress Code:

Smart Casuals are recommended for all seminar sessions and social events.

Insurance & Liability:

Neither the Organizers nor the Secretariat will assume any responsibility for damage or injury to persons or property during the seminar and exhibition. Participants are strongly advised to seek insurance for health, accident and personal liability.

Passport and Visa Requirements:

All foreign visitors, except nationals of Bhutan and Nepal, need a visa for India. You are advised to contact the Indian Embassy/High Commission/Consulate in your country in order to obtain a visa of entry. Please apply for your visa in good time. It could take you months to get your visa. Foreign visitors entering India must have a passport valid for at least 6 months after their date of entry in India, except in the case of nationals of Bhutan and Nepal who need only carry suitable means of identification.

Time:

Kolkata will be approx. four and half hrs ahead of GMT during the dates of the seminar.

Website:

For detailed and updated information, please visit the website www.iccp2014india.org periodically.

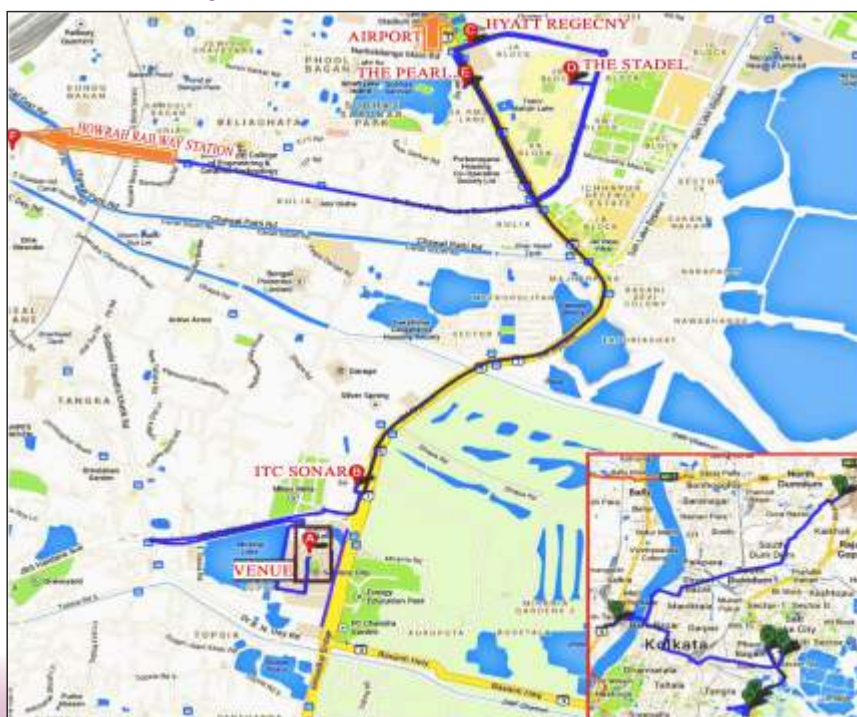
Scientific Programme

| | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|-------------|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------|----------|----------|
| | 20.09.14 | 21.09.14 | 22.09.14 | 23.09.14 | 24.09.14 | 25.09.14 | 26.09.14 | 27.09.14 |
| 8.30-9.00 | | ICCP Registration | | | | | | |
| 9.00-9.30 | | | | | | | | |
| 9.30-10.00 | | ICCP Welcome | ICCP Commission Meeting | ICCP Commission Meeting | ICCP Commission Meeting | ICCP Symposium | | |
| 10.00-10.30 | | | | | | | | |
| 10.30-11.00 | | Coffee Break | Coffee Break | Coffee Break | Coffee Break | Coffee Break | | |
| 11.00-11.30 | | | | | | | | |
| 11.30-12.00 | | ICCP General Assembly | ICCP Commission Meeting | ICCP Commission Meeting | ICCP Commission Meeting | ICCP Symposium | | |
| 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 | | |
| 14.00-14.30 | | | | | | | | |
| 14.30-15.00 | | | | | | | | |
| 15.00-15.30 | | Coffee Break | Coffee Break | Coffee Break | Coffee Break | Coffee Break | | |
| 15.30-16.00 | | | | | | | | |
| 16.00-16.30 | ICCP Council Meeting | ICCP Commission Meeting | ICCP Commission Meeting | ICCP Commission Meeting | Closing Plenary Session | ICCP Symposium | | |
| 16.30-17.00 | | | | | | | | |
| 17.00-17.30 | | | | | | | | |
| 17.30-18.00 | | | | | | | | |
| 18.00-18.30 | | | | | | | | |
| 18.30-19.00 | Registration and Welcome Dinner | | | | | | | |
| 19.00-19.30 | | | | | | | | |
| 19.30-20.00 | | | | | | | | |
| 20.00-20.30 | | | | | | | | |
| 20.30-21.00 | | Dinner | | | | | | |
| 21.00-21.30 | | | | | | | | |
| 21.30-22.00 | | | | | | | | |

*Field Trip

(Note: 1. Dinner/lunch planned to be sponsored; 2. Dinners on other dates will be confirmed depending on sponsorship 3. * Field trip may be one or two days based on feedback from delegates/ICCP. Field trip & venue may also be re-planned based on number of participants till 15 August 2014.

Direction Map



INDEX

- A: SCIENCE CITY
- B: ITC SONARG
- C: HYATT REGENCY
- D: THE STADEL
- E: THE PEARL
- F: HOWRAH RAILWAY STATION



Contact Details

Dr. Amalendu Sinha

Chairman, Organizing Committee, ICCP-2014, India
Director, CSIR-Central Institute of Mining & Fuel Research
Barwa Road, Dhanbad 826015, Jharkhand, India
Phone: (Office) +91 326 2296023
Fax: +91 326 2296025
Email: dcmrips@yahoo.co.in, amalenducmri@yahoo.com
Website: www.iccp2014india.org

Dr. Ashok K. Singh

Organizing Secretary, ICCP-2014 India
Principal Scientist & Head
Coal Petrology and Coal Characterization, RQA
CSIR-Central Institute of Mining & Fuel Research
Digwadih campus, Dhanbad 828108, Jharkhand, India
Phone: (Office) +91 9431317806 (cell), +91 326 2388361
Fax: +91 326 2388361, 2381113
Email: singh_ak2002@yahoo.co.in, iccp_india14@yahoo.com
Website: www.iccp2014india.org

Professional Conference Organiser



KW Conferences Pvt. Ltd.

A 56/12, DLF Phase I, Gurgaon 122 002, Haryana, India
Tel: +91-124-463 6700, Fax: +91-124-410 2075
Email: iccp2014india@kwconferences.com



66TH ANNUAL MEETING AND SYMPOSIUM OF INTERNATIONAL COMMITTEE FOR COAL AND ORGANIC PETROLOGY (ICCP-2014)



September 20 - 27, 2014

Science City, Kolkata, India

REGISTRATION FORM

☐ Mr. ☐ Ms. ☐ Prof. ☐ Dr.

First Name _____ Family Name _____

Institution _____

Address _____

Postal Code _____ City/ Country _____

Phone _____ Fax _____ E-mail _____

Accompanying Person Name (Spouse) _____

International Delegates Registration Fee (USD)

| 66th ICCP Meeting + International Symposium | Up to July 31, 2014 | After July 31, 2014 |
|--|----------------------------------|----------------------------------|
| Members | <input type="checkbox"/> USD 300 | <input type="checkbox"/> USD 325 |
| Non-Members | <input type="checkbox"/> USD 325 | <input type="checkbox"/> USD 350 |
| Student/Research Scholar/Research fellows | <input type="checkbox"/> USD 100 | <input type="checkbox"/> USD 125 |
| International Symposium on Coal Petrography | | |
| ICCP Registered Delegates + Students | Nil | Nil |
| Delegates | <input type="checkbox"/> USD 100 | <input type="checkbox"/> USD 125 |
| Student/Research Scholar/Research fellows | <input type="checkbox"/> USD 75 | <input type="checkbox"/> USD 100 |
| Field Trip to Sunderban | | |
| Delegates | <input type="checkbox"/> USD 180 | |
| Spouse | <input type="checkbox"/> USD 107 | |

Indian Delegates Registration Fee (INR)

| 66th ICCP Meeting + International Symposium | Up to July 31, 2014 | After July 31, 2014 |
|--|------------------------------------|------------------------------------|
| Members | <input type="checkbox"/> INR 12000 | <input type="checkbox"/> INR 13500 |
| Non-Members | <input type="checkbox"/> INR 15000 | <input type="checkbox"/> INR 16500 |
| Student/Research Scholar/Research fellows | <input type="checkbox"/> INR 6000 | <input type="checkbox"/> INR 7500 |
| International Symposium on Coal Petrography | | |
| ICCP Registered Delegates + Students | Nil | Nil |
| Non-ICCP Registered delegates | <input type="checkbox"/> INR 5000 | <input type="checkbox"/> INR 6500 |
| Student/Research Scholar/Research fellows | <input type="checkbox"/> INR 3000 | <input type="checkbox"/> INR 4500 |
| Field Trip to Sunderban | | |
| Delegates | <input type="checkbox"/> INR 11000 | |
| Spouse | <input type="checkbox"/> INR 6500 | |

Cancellation and Refund Policy: Cancellations received in writing by the conference secretariat to: iccp2014india@kwconferences.com will be refunded after the conference at the following rates. Date of receipt of communication for cancellation will be used for calculating amount of refund. Refunds will be credited only to the account from where registration amount was received.

- **On or before 15 July 2014:** - Full refund minus 15% cancellation / admin fee
- **16th July 2014 – 10th September 2014:** - Full refund minus 25% cancellation fee
- **After 10th September 2014:** - We regret no refund can be made although name substitutions can be made at any time

Accommodation

| Hotel | Single (per night) | Double (per night) |
|---------------|------------------------------------|------------------------------------|
| ITC Sonar | <input type="checkbox"/> INR 7,100 | <input type="checkbox"/> INR 8,650 |
| Hyatt Regency | <input type="checkbox"/> INR 6,990 | <input type="checkbox"/> INR 7,510 |
| The Stadel | <input type="checkbox"/> INR 3,150 | <input type="checkbox"/> INR 3,830 |
| The Pearl | <input type="checkbox"/> INR 3,850 | <input type="checkbox"/> INR 4,630 |

Check In Date Check-Out Date

Hotel Payment: Rate..... x No of Nights x No of Rooms Total:

Payment & Cancellation Terms

- Reservations of hotel rooms must be accompanied by the total amount of all nights booked
- Cancellation received before August 15, 2014, total amount will be refunded less bank charges, and applicable taxes
- Cancellation received after August 15, 2014, no refunds will be made
- Please note that in case of late check in, early departure or no-show, no refunds will be made
- All requests for changes and cancellations must be made to the Congress Secretariat (KW Conferences) in writing and not to the hotel
- All bookings will be processed on a first-come-first-served basis

Tours

| Tour Name | Cost (per person) | Cost (per person on twin sharing) |
|-------------------------------------|-------------------------------------|-------------------------------------|
| Sunderban Tour | <input type="checkbox"/> INR 11,000 | <input type="checkbox"/> INR 6,500 |
| Kolkata – Mandarmoni – Tajpur Tour | <input type="checkbox"/> INR 21,919 | <input type="checkbox"/> INR 11,862 |
| Golden Triangle | <input type="checkbox"/> INR 58,550 | <input type="checkbox"/> INR 40,650 |
| Bishnupur - The Terracotta Paradise | <input type="checkbox"/> INR 5,625 | |
| Excursion tour to Shantiniketan | <input type="checkbox"/> INR 6,135 | |
| Local Sightseeing – Full Day | <input type="checkbox"/> INR 2,560 | |
| Local Sightseeing – Half Day | <input type="checkbox"/> INR 1,540 | |

Note: Cost per person is based on minimum 10 pax. For cancellation terms & conditions, please visit: www.iccp2014india.org

Payment Options

- ☐ **Credit Card** : To Pay online, visit the website at www.iccp2014india.org
- ☐ **Bank Wire Transfer**: Contact: iccp2014india@kwconferences.com
- ☐ **Bank / Demand Draft (for Indian Delegates Only)**: Please make your Bank / Demand Draft in favor of “**KW Conferences Pvt. Ltd.**”, Payable at New Delhi and send it to us either by post/courier to the address given below:

Cheque /DD No: _____ Drawn on: _____ Date: _____

Amount: _____

Delegate Signature: _____



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Barwa Road, Dhanbad 826015, Jharkhand, India
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Fax +91 326 2388361, 2381113,
Email: singh_ak2002@yahoo.co.in
iccp_india14@yahoo.com
Website: www.iccp2014india.org



Please return this form to:
Mr. Nitesh Doshi (Manager)
KW Conferences Pvt. Ltd.
A-56/12, DLF Phase – I,
Gurgaon – 122002, Haryana, India
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Fax: (+91) - 124 – 4102075
Email: iccp2014india@kwconferences.com



SECOND CIRCULAR

International Conference on

Current perspectives and emerging issues in Gondwana evolution

19-20 February, 2015, Lucknow, India

ORGANIZED BY

BIRBAL SAHNI INSTITUTE OF PALAEOBOTANY, LUCKNOW



CO-SPONSORED BY

THE SOCIETY OF EARTH SCIENTISTS



Schedule

February 18, 2015 Arrival and registration (14:00 hrs onwards)
 February 19-20, 2015 Inauguration, scientific sessions, oral and poster presentations
 February 21-26, 2015 Post conference field trip

Keynote addresses

| Keynote speakers | Title of the talk |
|---|---|
| Prof. Sankar Chatterjee, Texas Tech University, Texas, U.S | Indian - Gondwana vertebrates and paleobiogeography |
| Prof. Andre Jasper, Centro Universitario UNIVATES, Brazil | A palaeobotanical approach on the Late Paleozoic Gondwanan palaeowildfires |
| Prof. Michael Brookfield, Institute of Earth Sciences, Taipei, Taiwan | Tectonic evolution of the northern Gondwana |
| Prof. Cris J. Cleal, National Museum Wales, U.K. | Plant biodiversity in deep time – a Gondwana perspective |
| Prof. Dieter Uhl, Senckenberg Research Institute, Germany | Late Palaeozoic and Mesozoic terrestrial ecosystems at the northern margin of Gondwana: old problems and new developments |
| Prof. Serge Naugolnykh, Geological Institute, Moscow, Russia | Permian glossopterids of Gondwana: two basic ethological strategies |
| Prof. Valentin Krassilov, Haifa University, Haifa, Israel | Gondwana phytogeographic problems- old and new |

Accommodation

A large variety of hotels is available in Lucknow city. The hotels are within 5 km distance of the Institute. Reservation may be done directly or through the organizers. Delegates are advised to send their accommodation requests and travel plans well in advance.

Hotel Taj Vivanta: <http://www.vivantabvtaj.com/gomti-nagar-lucknow/overview.html>
 Hotel Gemini continental: <http://www.geminicontinental.com>
 Hotel Clarks Awadh: <http://www.clarksawadh.com/>
 Hotel La Place Sarovar Portico: <http://www.sarovarhotels.com/lucknow-hotels-la-place-sarovar-portico>
 Hotel Arif Castles: <http://www.arifcastles.com/l-overview.html>
 Hotel Levana: <http://www.bestwesternmushkayana.com/index.html>
 Hotel Golden Orchid: <http://hotelgoldenorchid.com/>
 Hotel Sagar International: <http://www.hotelsagarinternational.in>
 Hotel Golden Tulip: <http://www.goldentuliplucknow.com/en>
 Hotel Silvete: <http://www.hotelsilvete.com>
 Hotel Tekarees Inn: <http://www.tekareesinn.com>

International Conference on *Current perspectives and emerging issues in Gondwana evolution*
 19-20 February, 2015

Registration and post conference field trip

| Registration | Early bird (up to 30.11.2014) | After 30.11.2014 |
|--------------------------------|-------------------------------|------------------|
| For Indian delegates | Rs. 6,000/- | Rs. 7,000/- |
| Accompanying member | Rs. 3,000/- | Rs. 3,000/- |
| Students | Rs. 2,000/- | Rs. 2,000/- |
| For foreign delegates | USD 120 | USD 150 |
| Accompanying member | USD 75 | USD 75 |
| Post conference field trip fee | | |
| For Indian delegates | Rs. 35,000/- | |
| For foreign delegates | USD 600 | |

Registration fee is to be paid by demand draft in favour of 'The Director, BSIP, Lucknow' or in cash on site. The registration fee can also be paid through NEFT and SWIFT in favour of 'Director, Birbal Sahni Institute of Palaeobotany, Lucknow' in SB Account No: 18730 10000 01666, IFS Code: IOBLA0001873, Indian Overseas Bank, BSIP Branch, 53 University Road, Lucknow - 226007, U.P., India.

Abstract submission

Abstracts for both oral and poster presentations should be sent to the Organizing Secretary before **15th November, 2014** (email: gondwanaconfbsip@gmail.com or rajni_tewari@bsip.res.in). The abstracts should be informative, typed in 12 point Times New Roman font in double space, mentioning the title, name(s) of the author(s) with their affiliation(s) and e-mail ID(s). Extended abstract may include relevant maps, figures and references.

Layout and size of the poster should be portrait and A0 (84.1x118.9 cm), respectively.

Publication of full length papers

Full papers submitted by the participants will be published in the Journal "The Palaeobotanist" after peer review.

Post-conference field trip

A post conference field trip will be organised during 21.02.2015 to 26.02.2015 to visit typical Indian Gondwana sections of Central India. Schedule of field trip is as follows:

21.02.2015 Departure from Lucknow (evening)
 22.02.2015 to 25.02.2015 Field visit to Gondwana formations of South Rewa Basin and upper Narmada Valley, Central India (Pali Fm., Late Permian; Tiki and Parsora

formations, Late Triassic; Jabalpur Fm., Early Cretaceous) and the Late Cretaceous Lameta Formation at Jabalpur, Central India.

25.02.2015 Departure from Shahdol (evening)
 26.02.2015 Arrival at Agra and visit to Tajmahal, Agra Fort and Fatehpur Sikri
 26.02.2015 Departure from Agra (afternoon)
 26.02.2015 Arrival at New Delhi (Night)
 Mode of travel: Train (ILAC) / Taxi (AC)
 Cost of field trip: 600 USD (For foreign delegates)
 Rs. 35,000/- (For Indian delegates)

Participants may directly contact **Dr. Amit K. Ghosh** (akghosh_in@yahoo.com, amitbsip@gmail.com, amit_ghosh@bsip.res.in) for any information regarding the field trip.

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International Conference on *Current perspectives and emerging issues in Gondwana evolution*
 19-20 February, 2015

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Organizing Secretary

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 53, University Road, Lucknow, Uttar Pradesh, India.
 Phone: +91-9792000607
 Fax: +91-522-2740485
 Email: gondwanaconf.bsip@gmail.com, rajni_tewari@bsip.res.in
 Website: <http://www.bsip.res.in/International%20conference%20.html>

Important Dates

| | |
|--|--------------|
| Last date for submission of registration form | : 30.08.2014 |
| Last date for submission of abstract | : 15.11.2014 |
| Last date for payment of registration fee (early bird) | : 30.11.2014 |
| Last date for payment of field trip fee | : 30.11.2014 |

International Conference on *Current perspectives and emerging issues in Gondwana evolution*
 19-20 February, 2015



THE SOCIETY FOR ORGANIC PETROLOGY

31st Annual Meeting, Sydney, Australia
27 September – 3 October 2014
Rydges World Square Hotel

This conference is intended for geoscientists from a wide range of areas, including researchers and practitioners in the coal and petroleum industries as well as those with more academic interests in different aspects of natural organic matter. Participation by students is especially encouraged.

Conference themes

- Microbiology of organic-rich rocks
- Unconventional hydrocarbon resources
- Fugitive emissions and CO₂ storage
- Coal behaviour during utilisation
- New techniques in organic petrology and geochemistry

Meeting program

- Oral and poster presentations
- Short courses: Digital core analysis; applications of organic petrology
- Field trips: Southern Coalfield coal and gas; Hunter Coalfield geology and mine visit
- Icebreaker reception and Conference Dinner

See: <http://www.tsop.org> or <http://wp.csiro.au/tsop2014/>

Contact: Kaydy Pinetown - kaydy.pinetown@csiro.au

Colin Ward - c.ward@unsw.edu.au



Membership Matters

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

Contact Updates

Dr. Stavros **Kalaitzidis**
Lecturer Economic Geology
Department of Geology
University of Patras
GR-26504 Rio-Patras
Greece
Tel.: +302610997568
Mob.: +306976784891
Fax: +302610 997560
E-mail: skalait@upatras.gr
<http://www.geology.upatras.gr/?lng=en>
Linkedin:
gr.linkedin.com/pub/stavros-kalaitzidis/39/7b8/156/

Welcome to ICCP

Ms Agnieszka (Aga) **Furmann** (A 2)
Indian University
Department of Geological Sciences
1001 east 10th St.
Bloomington
IN 47405 - 1405
USA
Ph. +1 812 236-4962
<mailto:a.furmann@gmail.com>



Aga Furman worked on coal petrology for her Masters at the University of Silesia, Sosnowiec, Poland before commencing Masters and now PhD studies with Maria Mastalerz at the University of Indiana. Over last 5 years at IU, she has been working on maceral analysis and vitrinite

reflectance measurements of source coal, coke after pyrolysis, and dispersed organic matter in shales. She has three papers published in international journals and they all include organic petrology as important component of the research.

Mr Nils Keno **Lünsdorf** (A 2)
Georg-August-University of Göttingen
Goldschmidtstrasse 3
37077 Göttingen
Germany
Ph. +49 551-3919455
<mailto:keno.luensdorf@geo.uni-goettingen.de>



Keno was awarded an M.Sc. in Geosciences from Georg-August-University of Göttingen. He is currently undertaking a PhD programme with the aim of improving the Raman spectroscopy of carbonaceous material geothermometer. He aims to establish Raman spectroscopy of vitrinites as an organic maturity parameter equivalent to vitrinite reflectance and investigate the usefulness and applicability of Raman spectroscopy in palynology.

Mr Brett **Valentine** (A 2)
Physical Science Technician
USGS
12201 Sunrise Valley Drive MS 956
Reston
VA 20192
USA
Ph. +1-703-648 6480
Fax +1-703-648 6419
<mailto:bvalentinel@usgs.gov>



Brett joined the U.S. Geological Survey five years ago as a physical science technician with a public service background in soil conservation. He is an integral member of the USGS Organic Petrology Laboratory and has ICCP accreditation in SCAP and DOMVR programs. Brett is first author of two peer-reviewed journal articles in the International Journal of Coal Geology, both of which appear in proceedings volumes of previous meetings of ICCP, and a co-author on many other reports and meeting abstracts.

Passing Members

Dr Boris Alpern **6th August, 2014**



Alpern at the 1953 inaugural meeting, Heerlen

Dr Boris Alpern passed away at 1am on the 6th August, 2014 aged 93. Dr Alpern was a founding member of ICCP and a stalwart of the ICCP for many years. A fuller memoriam will be published in the next ICCP News.

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

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

For more information, contact the convenors of the programs.



Victoria Memorial, Kolkata

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

WHAT'S HAPPENING

14 - 17 September 2014

AAPG International Conference and Exhibition, Istanbul, Turkey.
<http://ice.aapg.org/2014/index.cfm>

20 - 27 September 2013

6th ICCP, Kolkata, India
mailto:singh_ak2002@yahoo.co.in
mailto:iccp_india14@yahoo.com
<http://www.iccp.org>
<http://www.cimfr.nic.in>

27 Sept - 3 Oct 2014

31st TSOP Meeting, Sydney, Australia.
<http://wp.csiro.au/tsop/2014>
mailto:kady.pinetown@csiro.au

2 - 5 November 2014

XIV Latin-American Congress on Organic Geochemistry, Armação dos Búzios, Brazil.

<http://www.interevent.com.br/evento/sbfo2014>
<mailto:alago2014@interevent.com.br>

19- 20 February 2015

International Conference on Current perspectives and emerging issues in Gondwana evolution, Lucknow, India
<mailto:gondwanaconf.bsip@gmail.com>

May 2015

International Conference on Clean Coal Technologies CCT2015, Krakow, Poland.

<http://www.iea-coal.org.uk/site/2010/conferences/cct?LanguageId=0>

★ *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 :

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 Energy Resources Consulting Pty Ltd
 PO Box 54, Coorparoo, Qld 4151 AUSTRALIA