



THE SOCIETY FOR ORGANIC PETROLOGY



NEWSLETTER

Vol. 25, No. 4

December, 2008

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**Joint 26th TSOP and
61st ICCP Annual Meeting**

19-26 September 2009



Gramado

Gramado / Porto Alegre, Brazil

**Host:
Instituto de Geociências,
Universidade Federal do
Rio Grande do Sul**



Gramado – University Conference Center

**26th Annual TSOP Meeting with ICCP
September 19-26, 2009
Gramado, Brazil
See pages 8-11**

Planned Schedule Includes:

Conference Theme:

**Advances in Organic Petrology and Organic
Geochemistry.**

**Homepage of the meeting will be available in the
near future:**

www.ufrgs.br/ICCP_TSOP_2009

Deadline for Abstract Submission:
April 30, 2009

Saturday, September 19:
ICCP Council Meetings
Sunday, September 20:
ICCP Registration, Icebreaker
ICCP Assembly Meetings
Palynofacies Short Course
Monday, September 20:
ICCP Commission Meetings
Tuesday, September 22:
ICCP Commission Meetings
Outgoing TSOP Council Meeting
Wednesday, September 23:
ICCP Commission and Plenary Meetings
Visit to Caracol Park
TSOP Registration and Icebreaker
Thursday, September 24:
TSOP/ICCP Technical and Poster Sessions
Evening Conference Dinner
Friday, September 25:
TSOP Technical Sessions
Business Lunch, Incoming TSOP Council Meeting
Saturday, September 26:
Field Trips

The Society for Organic Petrology

TSOP is a society for scientists and engineers involved with coal petrology, kerogen petrology, organic geochemistry and related disciplines. The Society organizes an annual technical meeting, other meetings, and field trips; sponsors research projects; provides funding for graduate students; and publishes a web site, this quarterly Newsletter, a membership directory, annual meeting program and abstracts, and special publications.

Members may elect not to receive the printed Newsletter by marking their dues forms or by contacting the Editor. This choice may also be reversed at any time, or specific printed Newsletters may be requested.

Members are eligible for **discounted subscriptions** to the Elsevier journals *International Journal of Coal Geology* and *Review of Paleobotany and Palynology*. Subscribe by checking the box on your dues form, or using the form at www.tsop.org. You will then be billed by Elsevier. Contact Paul Hackley <phackley@usgs.gov> if you do not receive a bill or have any other problems with a subscription. For the best prices on subscriptions to **AGI's Geotimes**, see their web site at www.geotimes.org/current

TSOP is a Member Society of AGI and an AAPG Associated Society.

The Society for Organic Petrology Newsletter

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**DEADLINES: March Issue: March 5, 2009
June Issue: June 5, 2009**

Writers, Photographers and Associate Editors Needed!

GUIDELINES:

The TSOP Newsletter welcomes contributions from members and non-members alike. Readers are invited to submit items pertinent to TSOP members' fields of study. These might include meeting reports and reviews, book reviews, short technical contributions including those on geologic localities or laboratory methods, as well as creative works such as poems, cartoons and works of fiction. Color illustrations may be possible in some issues.

Please do not embed **graphics** or **photos** in word processor files. You can provide photos or other graphics as slides or prints (which will be returned after being scanned) or as digital files (300 dpi preferred) via email or on cd or dvd. Low resolution images are discouraged as they cannot be reproduced well in print. **Text** is preferred in Microsoft Word, RTF or plain text formats.

Contact the **Editor:**

Rachel Walker
Pearson Coal Petrography
7300 W. 15th Ave
Gary, Indiana
USA 46406
ph. 219-944-0477
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Address Changes

Please report any changes in address or contact information to:

Paul Hackley, TSOP Membership Chair
U.S. Geological Survey
956 National Center
Reston, VA 20192 USA
e-mail: phackley@usgs.gov

Society Membership

The TSOP Newsletter (ISSN-0743-3816) is published quarterly by The Society for Organic Petrology and is distributed to all Society members as a benefit of membership. Membership in the Society is open to all individuals involved in the fields of organic petrology and organic geochemistry. For more information on membership and Society activities, please see:

www.tsop.org

For purposes of registration of the TSOP Newsletter, a permanent address is: The Society for Organic Petrology, c/o American Geological Institute, 4220 King St., Alexandria, VA 22302-1520 USA

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Officers and Committee Chairs are reminded to provide their records to Ken Kuehn, **TSOP Archivist**. Please contact Ken at kenneth.kuehn@wku.edu for further information.

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President's Letter

The 25th Annual TSOP Meeting with ICCP was a huge success and the Organizing Committee of Isabel Suárez-Ruiz (Chair), Angeles G. Borrego, Diego Alvarez, José Ramón Montes, Begoña Ruiz Bobes, Juliana Sánchez Villar, and Borja Arias Rozada are warmly thanked. Field trip leaders Jose Carlos García-Ramos, Laura Piñuela, Jose Ignacio Ruiz Omeñaca, and Carlos Aramburu arranged for an informative and interesting day-trip to the Jurassic coast of Asturias which everyone enjoyed. My thanks to everyone who worked on putting the meeting together and chose to hold it in such a beautiful part of the world.

We awarded two Best Student Paper Awards at the Oviedo meeting. Jessie Carrie, University of Manitoba, Canada, with co-authors H. Sanei, F. Goodarzi, G. Stern, and F. Wang, received one of the awards for his paper entitled "Organic petrology and mercury speciation: results from the Mackenzie River basin, Northwest Territories, Canada". The second award went to Philipp Weniger, RWTH Aachen University, Germany, and co-authors A. Busch, B.M. Krooss, J. Francu, and E. Francu, for his paper entitled "Methane and carbon dioxide adsorption experiments on bituminous coal samples from the Ostrava-Karvina Coal District, Upper Silesian Basin, Czech Republic". Congratulations to both Jessie and Philipp for their excellent presentations.

A quick update on future TSOP meetings. The 2009 Gramado, Brazil, meeting, organized by Wolfgang Kalreuth, is a joint TSOP-ICCP meeting. Mark Pawlewicz is exploring the possibility of holding the 2010 TSOP meeting in Denver, CO. Mark currently is talking to a meeting venue and although I can't give you specific details now, I will keep you all informed. There are advantages to holding the meeting in Denver: the meeting will be back in the U.S. after a five-year break; there is a strong local organic petrology group at the USGS who will attend and some will help organize the meeting; there are many people from the oil and gas industry headquartered in Denver; and there are great opportunities for field trips (think oil shale).

In Oviedo, Kuili Jin presented the Councils of ICCP and TSOP with a strong proposal for a 2012 joint meeting from the State Key Laboratory of Coal Resources and Safe Mining, China University of Mining and Technology, Beijing, which we accepted. The meeting will be set up somewhat differently than previous joint meetings as there will be a separate ICCP meeting, followed by a weekend field trip to visit the Fuxin coal, followed by the TSOP meeting. There will be separate fees for all three components so that members can pick and choose any option.

What we need is a firm commitment for the 2011 meeting. If anyone out there would like to talk to me, or any of the Council members, about organizing a 2011 meeting, please get in touch with us. I can be reached at ruppert@usgs.gov.

I accepted, with much concern, the resignation of Suzanne Russell, our long serving Chair of the TSOP Research

Committee. She has been a tremendous asset to TSOP and I can not thank her enough for her dedicated service to the Society. Suzanne, thank you for doing an exceptional job over the last eight years! I am happy to report that Colin Ward has accepted the responsibility of chairing the Research Committee in Suzanne's place and we look forward to working with him.

Brian Cardott, Chair of TSOP's Publications Committee, also asked to step down from his position this year. Brian, thank you for your service and I will miss your wise council on our email threads. Mike Trippi has agreed to take over the Publications Committee and I appreciate his willingness to take on the job.

Finally, Hamed Sanei asked to be replaced as the Chair, Committee to Promote TSOP and Coal Science. Hamed stepped in last year on a temporary basis until we found the right person, and we have. Tom Gentzis has agreed to accept the position and Council and I all agree that Tom is an excellent choice for this job. Thank you, Tom. And thank you, Hamed.

Wishing you all the best, and enjoy the holidays,
Jingle Ruppert

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2009 Graduate Student Grant Program Spackman Award

The Society for Organic Petrology (TSOP) invites applications for graduate student research grants, the Spackman Award. The purpose of the grants is to foster research in organic petrology (which includes coal petrology, kerogen petrology, organic geochemistry and related disciplines) by providing support to graduate students from around the world, who demonstrate the application of organic petrology concepts to research problems.

Size of the Spackman Award:

Monetary awards up to a maximum of \$1,000.00 US will be granted. TSOP will also provide Merit Awards, in the form of certificates redeemable for TSOP publications, to top-ranking applicants not receiving grants. The program awards a maximum of two grants each year. All applicants are invited to enjoy a year's free student membership in TSOP.

Use of the Spackman Award:

Grants are to be applied to expenses directly related to the student's thesis program, such as fieldwork, laboratory analyses, etc. A portion (not to exceed 25%) of the funds may be used to attend TSOP Annual Meetings. Funds should *not* be used to purchase capital equipment, to pay salaries, tuition, room, or board during the academic year. Funds must be spent within 18 months of receipt of the award.

Review and Ranking of Applications:

A committee of three TSOP members (and/or external experts when needed) will review the pool of applications. The reviewers will be drawn from people having no association with the host institution of any applicant. Each reviewer will independently rank each proposal according to established merit criteria, using the Application Evaluation Form included in the application packet. The cumulative score from all three reviewers will be used to determine the final ranking of the applications. Winners will be notified prior to the 2009 Annual Meeting, and all applicants will be informed by mail of the final status of their applications.

Application Deadline:

TSOP Spackman Award application deadline is May 15, 2009. Grants will be awarded in September, 2009.

Detailed information and an application form are on the TSOP web site: www.tsop.org/grants.htm or applications may be obtained from:

Prof Colin Ward
Chair, TSOP Research Committee
School of Biological, Earth and Environmental Sciences
University of New South Wales
Sydney, NSW, 2052
Australia

E-mail: c.ward@unsw.edu.au

* * * * *

Images Needed Of Dispersed Organic Matter

Through the Research Committee TSOP has been supporting a Project to develop an *Atlas of Dispersed Organic Matter*, for distribution in CD form as an international reference work for organic petrologists dealing with these materials. The final product would be similar to the CD form of the well-known *Petrographic Atlas of Canadian Macerals and Dispersed Organic Matter*, edited by J. Potter, L. Stasiuk and A. Cameron, but focused more specifically on dispersed organic matter and drawing from a wider range of geographic areas.

A large amount of work has been done on the dispersed organic matter atlas, and images obtained for most of the components required. However, there are still a few components for which photomicrographs are needed, in order to complete the task. In particular, photos are needed of: **Suberinite, Resinite, Fusinite, Scolecodont, and Pyrobitumen.**

Each maceral plate in the Atlas will be set up to show three sample preparation styles (kerogen slide, polished kerogen, whole rock) and three lighting conditions (reflected white, blue, transmitted), all at 400x. If all seven views are not possible, the compilers will be happy to take whatever images can be contributed.

If you can assist by submitting images for the Atlas, could you please contact the Convener of the Dispersed Organic Matter Atlas Project, Carolyn Thompson-Rizer (ctr@westerlook.com). Sources of images contributed will be appropriately acknowledged in the CD compilation.

As much of the following information as possible should also be provided for each sample, along with the images concerned:

- Formation name
- Well name
- Country
- Age
- TOC
- HI
- OI
- T_{max}
- %R_o
- S1
- S2
- S3

Colin R. Ward
Chair, TSOP Research Committee
c.ward@unsw.edu.au

Carolyn Thompson-Rizer
Convener, DOM Atlas Project
ctr@westerlook.com

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Email Updates Needed!

Just a friendly reminder to TSOP Members to make sure they have an up-to-date email address on file with TSOP. Email is an important and useful method for the TSOP Council to contact members and disseminate information and receive notice that the latest issue of the Newsletter is available.

If you have changed email addresses recently, please remember to send the new email address to the Editor at rwalker@coalpetrography.com.

To check whether TSOP has your current email address, please consult your current copy of the TSOP Membership Directory.

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References on the Website

Updates and New EndNote® Library

by David Glick, Internet Committee Chair

A very popular feature of the TSOP website www.tsop.org is the section of references to the technical literature. Thirty categories of references are provided and periodically updated as a TSOP project, and the Internet Committee is very grateful to the participants for their work

over many years. The most recent update was done in November, 2008, including a new category on coal conversion (liquefaction and gasification). New citations were added in many categories, with the greatest numbers being in coalbed methane, coal as oil source rock, combustion, macerals in white light, and CO₂ sequestration. Readers are invited to provide additional citations which they have found useful in their work; they may be sent to David Glick, <xidg@verizon.net>.

We are now pleased to announce that Bob Cluff and others at The Discovery Group have formatted all 2200 of those references (prior to the November update) into an EndNote® X1 library. It is available for download from the References section of the TSOP website; a link to the EndNote website of Thompson Reuters is also provided. The Discovery Group's initiative and effort are greatly appreciated; we believe this will be of value to the organic petrology community, and comments are invited.

Please watch for additional updates, and tell your colleagues about these features of the TSOP web site.

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Volunteers Wanted for Development of a New TSOP Website

by David Glick, Internet Committee Chair

Volunteers are invited to help with and comment on a thorough update of the TSOP website <www.tsop.org>. Council members and the Internet Committee have been working on early plans; the new site is intended to provide up-to-date features, a new look, and some new content within the next few months. Of course, the addition of more features and content after that will be encouraged; please tell us your ideas!

Specifically, volunteers are requested for the following tasks:

1) Review and provide suggestions and guidance for the new site as it is being built over the next few months. No expertise in web sites is required. For example, we'll need to decide on what menu headings will be shown and which pages they will include, and what layout is best for certain pages.

2) Provide content, for the debut of the new site and/or on a continuing basis. This could be already formatted for the web site, or someone else on the committee could format it. It might include, for example, more information on the nature and applications of organic petrology; photograph galleries of scientific topics, or of our meetings or field trips; annotated links to other web sites; or the calendar of events.

3) Provide website programming skills in CSS-based design and implementation or other dynamic web development. Your skills will make new and interesting features possible!

4) Administer sections of the web site on a continuing basis,

for example a section for students, or a discussion forum (if we decide to host one), or the links sections.

Please contact Dave Glick <xidg@verizon.net> as soon as possible to volunteer in any or all of those categories, or to find out more.

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Incorporation of TSOP

Sharon Swanson

As you may have heard, TSOP was incorporated on August 26, 2008. This is the first step towards obtaining a 501(c)(3) tax status, which will enable donors in the United States to claim their donations to TSOP as a tax deduction. Obviously, the new tax status will be advantageous to TSOP.

The incorporation process was handled by Gant Redmon, of Redmon, Peyton & Braswell, L.L.P. in Alexandria, Virginia (<http://www.rpb-law.com/attorneys/3001>). This firm has experience with societies similar to TSOP, such as the Mineralogical Society of America. Our new "Articles of Incorporation" are based on our by-laws, and they enable us to obtain the 501(c)(3) tax status. There is a fair amount of paperwork involved in applying for the new tax status, and TSOP Council is currently working on this.

Here are a few key points related to the incorporation of TSOP and the process of applying for the new tax status:

- Incorporation requires that we have a 'registered agent'. Because TSOP is international in scope, not based in one geographic area, and has new council members every two years, Council elected to appoint Gant Redmon as our registered agent.
- In the future, TSOP will have a \$150 annual fee for the registered agent, and a \$25 registration fee (annual) for filing an annual report to the Virginia State Corporation Commission.
- To apply for the 501(c)(3) tax status, we need to prepare U.S. Internal Revenue Service tax form 1023, with the help of the attorneys. The legal fees for this one-time process will be about \$2,000.00.
- One of the requirements in this process is to define our fiscal year. The fiscal year may be the calendar year, or any other dates that we choose. But once we decide on it, we need to adhere to it. As you might expect, we've had quite a bit of discussion on this, with opinions on all sides. But we hope to make a decision soon.
- The attorneys advise having "general" liability insurance coverage for TSOP. Based on estimates from The Hartford, the insurance premiums will be about \$350 annually.

One final note...the attorneys suggested that we add our constitution to our by-laws, to make them a stronger document, as the by-laws are the primary document that would be used in any legal proceeding. Since a vote by the membership is

required to change our by-laws, you will be asked to vote on this change in the upcoming election in the late Spring. Please keep in mind the importance of making this change to the by-laws.

That's it for now, if you have any questions, please feel free to get in touch with me (smswanson@usgs.gov).

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New TSOP Members

Daniel Bulger

Mr. Daniel Bulger received an undergraduate degree in biology from Bradley University in 1987, and a M.S. degree in earth science from Northeastern Illinois University. Currently Mr. Bulger is pursuing PhD studies in petroleum geology under the supervision of Drs. Chris Romanek and Bruce Railsback at the University of Georgia in Athens.



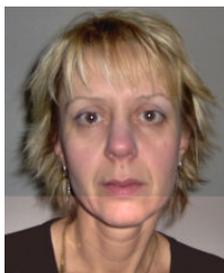
Juraj Francu

Juraj Francu received his doctorate in geology and geochemistry from the Slovak Academy of Sciences in Bratislava in 1987. Shortly thereafter he joined the Czech Geological Survey where he has since been pursuing studies with a focus on biomarker geochemistry and basin modeling. Dr. Francu also has spent time abroad on fellowships in the United States with the University of Utah in 2003-2005 and with the Geological Survey of Canada in Calgary in 2002. His current research focuses on the thermal history of the Upper Silesian Coal Basin in respect to gas geochemistry.



Martina Havelcová

Dr. Havelcová received her doctoral degree in 1998 in environmental analysis from Charles University in Prague and her MSc in analytical chemistry in 1990, also from Charles University. Her work at the Institute of Rock Structure and Mechanics in Prague, Czech Republic, has focused on organic geochemical aspects of coal chemistry.



Jaramillo Oscar Javier

Mr. Javier received a degree in engineering geology from the National University of Colombia, Medellín, in 2006. Currently, he is pursuing an advanced degree in the Faculty of Mines, National University of Colombia, Medellín, under the supervision of Professors Astrid Blandón and Ines Carmona. His interests include organic petrology and geochemistry.



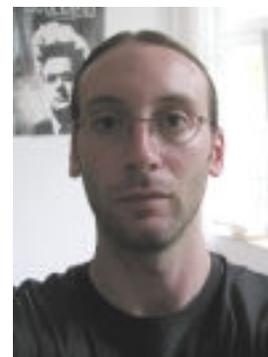
Zhenzhu Wan

Zhenzhu holds a BSc (2004) in geochemistry and a MSc (2007) in paleontology from Peking University and her ongoing PhD studies at the University of Cincinnati are supervised by Thomas Algeo and Carl Brett. Zhenzhu is using stomatal density, stomatal index, and carbon isotopic signatures of fossil plant material to better understand paleoatmospheric trends in carbon dioxide levels during the Devonian and Carboniferous Periods.



Philipp Weniger

Philipp received his MSc in geology from RWTH Aachen in 2007 with a special focus on organic geochemical and compound specific isotope analysis of coals. Currently he is pursuing PhD studies at RWTH Aachen under Ralf Littke, Andreas Busch and Bernhard Krooss with interests in geochemistry of coal related gas and the role of gas sorption/desorption processes during the geological history of a sedimentary basin. Philipp was awarded TSOP's best student paper award at the joint ICCP-TSOP meeting in Oviedo.



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International Journal of Coal Geology

2009 TSOP Member Subscription Prices

USD \$101
YEN ¥12,100
EUR €93

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**Joint 61st ICCP/26th TSOP Meeting
Advances in Organic Petrology and Organic Geochemistry
19-26/09/ 2009**

Host: Instituto de Geociências,
Universidade Federal do Rio Grande do Sul
Location: Gramado/PortoAlegre, Brazil

Meeting Place: Centro de Eventos – Gramado –RS, Rua São Pedro, 663

Homepage of the meeting will be available in the near future:
www.ufrgs.br/ICCP_TSOP_2009

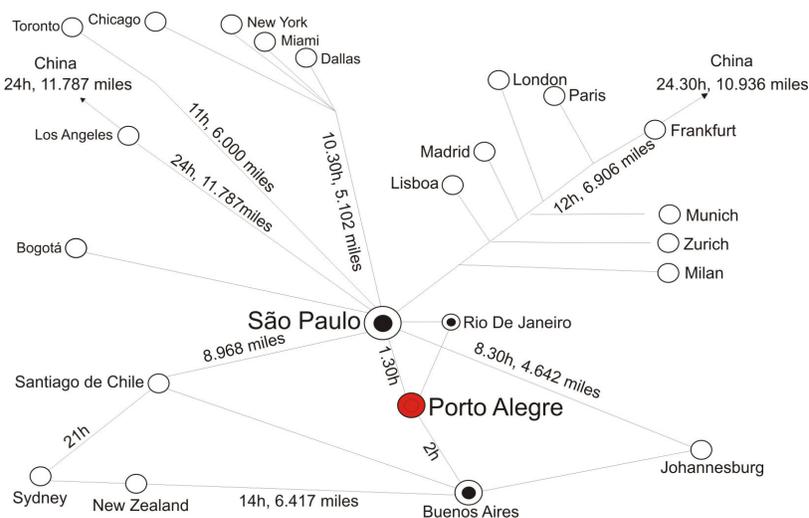
1. Organizing Committee:

Prof. Wolfgang. Kalkreuth, Chair, Instituto de Geociências, UFRGS, Porto Alegre, RS
M. Sc Carla Araújo, CENPES, Petrobras, RJ
Prof. Eduardo Osório, Centro de Tecnologia, UFRGS, Porto Alegre, RS
Prof. João. Graciano Mendonça Filho, Instituto de Geociências, UFRJ, RJ
Prof. Maria do Carmo Peralba, Instituto de Química, UFRGS, Porto Alegre, RS
Prof. Maristela Bagatin Silva, Instituto de Oceanologia, FURG, Rio Grande, RS
Dr. Miriam Cazzulo-Klepzig, Instituto de Geociências, UFRGS, Porto Alegre, RS
Dr. Lizete Senandes Ferret, CIENTEC, Porto Alegre, RS
Dr. Leandro Dalla Zen, CIENTEC, Porto Alegre, RS

2. Location:



Distance Porto Alegre/Airport - Gramado
118 km - 1,4 h by shuttle bus,
appr. US\$ 35.00 return fare



Shuttle Bus service (Porto Alegre (airport) – Gramado) will be provided on the two days prior to the meeting (Sept. 18 and 19, 2009), and on Sept. 23, 2009 (for TSOP Members only attending the ICCP/TSOP Symposium and the TSOP Technical Session on Sept. 25). Shuttle Bus service (Gramado – Porto Alegre/Airport) will be available on the evening of Sept. 25 and in the morning of Sept. 26 for those participants returning to Porto Alegre. The fieldtrips will leave Gramado on the morning of Sept. 26 and will finish by late afternoon in Porto Alegre on the same day (it is recommended to book a hotel for the night of Sept. 26, 2009 in Porto Alegre).

4. Conference Theme:

Advances in Organic Petrology and Organic Geochemistry

5. Call for Papers:

Deadline for Abstract Submission: **April 30, 2009**

Abstract Format: maximum of 1 page, 12 Times New Roman. Please submit via e-mail: wolfgang.kalkreuth@ufrgs.br or to the following address:

Wolfgang Kalkreuth,
Instituto de Geociencias, UFRGS,
Av. Bento Gonçalves, 9500,
91501-970 Porto Alegre –RS,
Brazil.

The International Journal of Coal Geology will publish a special volume on the meeting proceedings.

6. Registration Fee, Conference Dinner, Fieldtrips (at this point estimated):

ICCP Members and Guests R\$ 250,00
Students: R\$ 50,00

Registration includes: Ice-Breaker, participation in ICCP and TSOP sessions and ICCP/TSOP symposium, coffee breaks, light luncheons and TSOP business luncheon.

Conference Dinner: R\$ 95,00

Visit to Caracol Park including luncheon: R\$ 65,00

7. Fieldtrips:

1 day excursion to the coal-mining areas in Rio Grande do Sul (R\$ 70,00)

1 day excursion to examine the relationship between soil type and wine and champagne quality in Rio Grande do Sul (Vale dos Vinhedos), (R\$ 105,00)

Note = Fieldtrip participants need to book 1 night accommodation in Porto Alegre on Sept. 26, 2008

Exchange Rate (14/10/2008): 1 Euro = R\$ 2.98
1 US\$ = R\$ 2.39

All fees to be paid in cash (R\$- Brazilian Currency) upon registration in Gramado.

8. Accommodation:

Hotels in Gramado

1. HOTEL SERRA AZUL

ADDRESS: Rua Garibaldi, 152- centro
TELEPHONE: 55 54 3286 1082
E-MAIL: reservas@serraazul.com.br
HOME PAGE: www.serraazul.com.br
RATES SGL/DBL: R\$135,00/ R\$150,00

3. HOTEL SUL SERRA

ADDRESS: Rua São Pedro, 1190 – Centro
TELEPHONE: 55 54 3286 1718
E-MAIL: sulserrahotel@gramadosite.com.br
HOME PAGE: www.gramadosite.com.br/sulserra
RATES SGL/DBL: R\$55,00 / R\$85,00

5. HOTEL TOSCANA

ADDRESS: Av. das Hortências, 2600
TELEPHONE: 55 54 3295 9797
E-MAIL: reservas@hoteltoscana.com.br
HOME PAGE: www.hoteltoscana.com.br
RATES SGL/DBL: R\$ 140,00/ R\$160,00

2. HOTEL ÁGUAS CLARAS

ADDRESS: Av. das hortências, 1207- B planalto
TELEPHONE: 55 54 3286 6044
E-MAIL: gramado@hotelaguasclaras.com.br
HOME PAGE: www.hotelaguasclaras.com.br
RATES SGL/DBL: R\$ 115,00/ R\$135,00

4. HOTEL GLAMOUR DA SERRA

ADDRESS: Rua João Petry, 274-centro
TELEPHONE: 55 54 3286 9645/ 55 54 3286 9710/ 55 54 3286 9692
HOME PAGE: www.glamourdaserra.com.br
RATES SGL/DBL: R\$74,00 / R\$98,00

6. POUSADA BELLA TERRA

ADDRESS: Av. Borges de Medeiros, 2870- Centro
TELEPHONE: 55 54 3286 3333 55 54 3295 2100 55 54 3295 2101
E-MAIL: reservas@pousadabellaterra.com.br
HOME PAGE: www.pousadabellaterra.com.br
RATES SGL/DBL: R\$90,00/ R\$110,00

7. POUSADA BELLUNO

ADDRESS: Rua Nilo Dias, 50
TELEPHONE: 55 54 3286 0820
E-MAIL: gramado@pousadabelluno.com.br
HOME PAGE: www.pousadabelluno.com.br
RATES SGL/DBL: R\$68,00/ R\$85,00

9. CASA DA JUVENTUDE**

Student Housing
ADDRESS: Rua 25 de julho, 833
TELEPHONE: 55 54 3286 1811
E-MAIL: casadajuventude@via-rs.net
HOME PAGE: www.brasilalemanha.com.br/acg
RATES SGL/DBL :R\$30,00

11. HOTEL CASA DA MONTANHA (LUXO)

ADDRESS: Avenida Borges de Medeiros 3166
TELEPHONE: 55 54 3295 7575
HOME PAGE: www.casadamontanha.com.br
RATES SGL/DBL: R\$ 286,00

13. HOTEL VOVÓ CAROLINA

ADDRESS: Avenida Borges de Medeiros 3129
TELEPHONE: 55 54 3286 2433
HOME PAGE: www.vovocarolina.com.br
RATES SGL/DBL: R\$ 114,00/ R\$ 164,00

15. HOTEL SKY

ADDRESS: Av das Hortências 680
TELEPHONE: 55 54 3286 4716
HOME PAGE: www.hotelsky.com.br
RATES SGL/DBL: R\$ 198,00/ R\$ 290,00

17. POUSADA SOLAR DA SERRA (SIMPLES)

ADDRESS: Rua Sen Salgado Filho 432
TELEPHONE: 55 54 3286 1026
HOME PAGE: www.solardaserra.com.br
RATES SGL/DBL: R\$100,00/R\$120,00

Hotels in Porto Alegre

HOTEL CONFORT

ADDRESS: R. Loreiro da Silva, 1660 Cidade Baixa
TELEPHONE: 55 51 2117 90 00
HOME PAGE: www.atlanticahotels.com.br
RATES SGL/DBL: R\$183,00/ R\$205,00 (+ 15% de taxas)

MÁSTER HOTÉIS

ADDRESS: R. Sarmiento Leite, 865
TELEPHONE: 55 51 3018 36 36
HOME PAGE: www.masterhoteis.com.br
RATES SGL/DBL: R\$149,00/ R\$159,00

8. POUSADA JANZ TEAM**

Student Housing
ADDRESS: Rua São Pedro, 1191
TELEPHONE: 55 54 3286 1006
E-MAIL: Jtbrasil@janzteam.com.br
HOME PAGE: www.janzteam.com.br
RATES SGL/DBL :R\$30,00

10. ALBERGUE GRAMADO HOSTEL**

Student Housing
ADDRESS: Av. das Hortências, 3880- centro
TELEPHONE: 55 54 3295 1020
E-MAIL: ajig@terra.com.br
HOME PAGE: www.gramadohostel.com.br
RATES SGL/DBL: 32,00

12. HOTEL VÔ MÁRIO (LUXO)

ADDRESS: Rua Garibaldi 254
TELEPHONE: 55 54 3286 7435
HOME PAGE: www.hotelvomario.com.br
RATES SGL/DBL: R\$255,00/ R\$275,00

14. POUSADA KASTER

ADDRESS: Av das Hortências 594
TELEPHONE: 55 54 3295 2289
HOME PAGE: www.hotelpousadakaster.com.br
RATES SGL/DBL: R\$ 210,00 / R\$ 250,00

16. HOTEL CANTO BELO

ADDRESS: Av Borges Medeiros 2287, Centro/Planalto
TELEPHONE: 55 54 3286 2750
HOME PAGE: www.cantobelo.com.br
RATES SGL/DBL: R\$ 100,00 / R\$120,00

18. HOTEL QUERÊNCIA (SIMPLES)

ADDRESS: Av Borges Medeiros 3771, Centro/Planalto
TELEPHONE: 55 54 3286 2104
HOME PAGE: www.hotelquerencia-nrs.com.br
RATES SGL/DBL:R\$130,00/ R\$180,00

Hotels in Porto Alegre

HOTEL EMBAIXADOR

ADDRESS: R. Jerônimo Coelho, 354
TELEPHONE: 55 51 3215 6600
E-MAIL: reservas@embaixador.com.br
HOME PAGE: www.embaixador.com.br
RATES SGL/DBL:R\$168,00/ R\$204,00

HOTEL EVEREST

ADDRESS: R. Duque de Caxias, 1357
TELEPHONE: 55 51 3024 95 80
HOME PAGE: www.everest.com.br
RATES SGL/DBL:R\$ 169,00/ R\$189,00 (+ 5% de taxas)

Joint ICCP-TSOP Meeting, September 19-26, 2009 - Gramado/Porto Alegre, Brazil												
Time	Saturday 19/sept	Sunday 20/sept	Monday 21/sept	Tuesday 22/sept	Wednesday 23/sept	Thursday 24/sept	Friday 25/sept	Saturday 26/sept				
8:30-9:00		Registration and Mini- Course Intro. To Palyno- facies	Registration			Registration		Fieldtrips				
9:00-9:30	Council Meeting ICCP		ICCP Commission Meetings	ICCP Commission Meetings	ICCP Commission Meetings	ICCP/TSOP Symposium	TSOP Technical Sessions					
9:30-10:00			Coffee Break									
10:00-10:30			ICCP Commission Meetings	ICCP Commission Meetings	ICCP Commission Meetings	ICCP/TSOP Symposium	TSOP Technical Sessions					
10:30-11:00			Lunch	Lunch	Lunch	Lunch	Visit to Caracol Park And lunch		Lunch	Business Luncheon		
11:00-11:30			ICCP Council	Welcome	ICCP Commission Meetings	ICCP Commission Meetings	ICCP Commission Meetings		ICCP/TSOP Symposium	TSOP Technical Sessions		
11:30-12:00				ICCP General Assembly					Coffee Break			
12:00-12:30				Coffee Break					Coffee Break		Coffee Break	Coffee Break
12:30-13:00		ICCP General Assembly		ICCP Commission Meetings				ICCP Commission Meetings	ICCP Plenary Session		TSOP Technical Sessions	
13:00-13:30	Registration & Ice-Breaker											
13:30-14:00												
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16:00-16:30												
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17:00-17:30	Conference Dinner											
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19:00-19:30												
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20:30-21:00												
21:00-22:00												

**Report on the
International Conference on Coal and Organic
Petrology,
ICCP-TSOP Joint Meeting,
September 21-27, 2008. Oviedo, Spain.**

by Isabel Suárez-Ruiz.
Instituto Nacional del Carbón (INCAR-CSIC).
Chair of the Organizing Committee of the ICCP-TSOP Joint
Meeting 2008.

From 21 to 27 September 2008, the ICCP-TSOP Joint Meeting 2008 was hosted at the Auditorium-Palace of Congress "Príncipe Felipe" in Oviedo (Spain) with the title of "International Conference on Coal and Organic Petrology". The meeting was organized by the Laboratory of Organic Petrology of the Instituto Nacional del Carbón (INCAR-CSIC).

This meeting was the first Joint Meeting of both organizations (ICCP and TSOP) to be held in Europe. Moreover, it also represented the 60th meeting of the International Committee for Coal and Organic Petrology-ICCP, and the 25th for The Society of Organic Petrology-TSOP.

The event started on Sunday 21st with the ICCP Council Meeting followed in the afternoon by the registration of delegates and the Ice-Breaker party (Spanish Wine) as a time of welcoming. On the morning of Monday 22nd the meeting was officially opened by the Chair of the Organizing Committee, Isabel Suárez-Ruiz, this introduction being followed by some welcoming words from the CSIC (Spanish Research Council) Vice-president, Rosa Menéndez and then the keynote lecture entitled: "Asturian Central Coal Basin: from traditional mining to new uses" presented by Claudio Alvarez from HUNOSA. HUNOSA is the main coal mining company operating in North Spain. The 60th meeting of the ICCP then continued with the Opening Plenary Session of the ICCP General Assembly opened by its president Petra David. This was followed by the presentations of the activities of the various working groups of the Commission II "Geological Applications of Coal and Organic Petrology".

The sessions continued until Tuesday morning and were chaired by Angeles G. Borrego and Carla V. Araujo respectively chair and secretary of this Commission. The activities of Commission II were followed by those of Commission I "General Coal and Organic Petrology" which continued until Wednesday morning and were coordinated by Walter Pickel (chair) and Deolinda Flores (secretary). Next, Isabel Suárez-Ruiz and Georgeta Predeanu, chair and secretary respectively, chaired Commission III's activities throughout Wednesday 24. The Working Groups in this Commission focused their attention on "Industrial Applications of Coal Petrology". The 60th ICCP Meeting ended their scientific discussions in Oviedo with the Closing Plenary Session of the ICCP General Assembly on Wednesday at 5:30 pm. In this session Angeles G. Borrego received the Organic Petrology Award. The ICCP and TSOP Council Meetings (second one

for the ICCP) also took place on Tuesday and Wednesday evening respectively.

The scientific joint session and round table "Organic Petrology in the context of Global Climate Change and Greenhouse Gas Emissions" took place on Thursday 25th. This round table was chaired by Angeles G. Borrego, Thomas Gentzis, Clauss Diessel, Heather Stoll and Guy Holdgate acting as participants. The session was followed by the 25th Meeting of the TSOP that was opened by its president Leslie Ruppert, and later by the first TSOP technical session "Coal as Gas Reservoir" chaired by Leslie Ruppert and Manuel Lemos de Sousa. This session included 6 oral presentations focused on coal and gas topics. The afternoon was dedicated to the second technical session entitled "Organic Petrology Applied to Coal Utilization and Coal by-products" which included a total of 8 presentations related to advanced mineralogical techniques, the thermal transformation of organic matter, fly ash from lignite combustion, mercury speciation in coals, etc. The first half of the session was chaired by Paul Hackley and Ivana Sykorova. After the coffee break/poster viewing time, Colin Ward and Isabel Suárez-Ruiz acted as chairs.

The TSOP Annual Business Meeting and Lunch also took place on Thursday at the Auditorium Restaurant, with the attendance of delegates of both organizations (ICCP and TSOP). At this lunch the president of the TSOP, Leslie Ruppert, summarized the recent activities of the TSOP and the future actions to be undertaken by TSOP (results of the 2008 elections, officers' and committee's reports, etc.) and congratulated those researchers that received awards in 2008: James Hower (2008 John Castaño Honorary Membership Award), Jack D. Burgess, Carolyn L. Thompson-Rizer and Prasanta K. Mukhopadhyay (2008 TSOP Distinguished Service Awards), Jessie Carrie, Dongyong Li and L. Yoksoulion (TSOP student travel awards), and Claus F. Diessel (2008 TSOP Furthest Travel Award).

Friday 26th started with the TSOP session "Advances in Coal Petrology and Organic Geochemistry" chaired by Thomas Gentzis, Angeles G. Borrego (first half of the session) and Maria Hamor-Vido and Nicola Wagner in the second half. Topics such as inorganics in macerals of low rank coals, anomalies in coals, thermal maturity and hydrocarbons, Tertiary coals in Serbia, petrological properties of low-rank coals from Turkey, etc., were discussed in a total of 9 presentations. Friday afternoon was mainly dedicated to the last technical session "Organic Petrology Applied to Climate and Environmental Studies" that was chaired by Sue Rimmer and Petra David and included 5 oral presentations dealing with carbon isotopes and paleoclimates, stratigraphic distribution of inertinite, metamorphosed coal and global warming, petrology of carbonaceous shales from Afganistan, etc.

TSOP ended their activities with the poster session. A total of around 60 posters were displayed at the Main Hall of the Auditorium from the beginning of the Joint Meeting. Poster presentations were focused on topics related to coal, coal geology, and organic petrology applied to coal and coal

by-products. The TSOP student best paper award was also selected in this session and congratulated during the Conference Dinner. This time two students received awards: Jesse Carrie with the paper "*Organic petrology and mercury speciation: Results from the Mackenzie River Basin, Northwest Territories, Canada*" authored by J. Carrie, H. Sanei, F. Goodarzi, G. Stern, F. Wang, and Philipp Weniger together with the papers "*Methane and carbon dioxide adsorption experiments on bituminous coal samples from the Ostrava-Karviná Coal District, Upper Silesian Basin, Czech Republic*" by P. Weniger, A. Busch, B. M. Krooss, J. Francu, E. Francu and "*Thermal maturity of coal and associated hydrocarbons in the SW Upper Silesian Coal Basin*" by J. Francu, P. Weniger, E. Francu, B. Krooss.

During the meeting some well known exhibitors such as Leica Microsystems, Craic Technologies, Petrog (Conwy Valley Consortium Ltd), and Carl H. Hilgers Technisches Büro were also present to show their new microscopic systems, related devices and innovative software used in organic petrology.

On Friday evening the Conference Dinner took place in Colloto village close to Oviedo, in the Terra Astur Restaurant which is dominated by the typical atmosphere of an old Asturian cider press ("Llagar"). Prior to the dinner the attendants took the opportunity of tasting the Asturian cider and of seeing the way in which it is served as well as of seeing some typical Asturian products and handicrafts. At the end of the dinner, the TSOP and ICCP presidents, Leslie Ruppert and Petra David, expressed their thanks and congratulated the Organizing Committee of the Meeting. Finally, Isabel Suárez-Ruiz closed the event thanking all delegates for their presence in Oviedo thereby contributing to the success of the 2008 Joint Meeting. She also gave a short and improvised speech honouring the first Spanish organic petrologist, who had founded the Organic Petrology Laboratory at the INCAR (CSIC) in Spain, Dr. Victor Hevia, who was present at the dinner. Victor Hevia has been one of the pioneer members of the ICCP contributing among others to setting up the nomenclature of coal components.

Saturday 27th was the last day of the Joint Meeting. It was fortunately a sunny day ideal for a field trip. The participants had the opportunity of visiting the Jurassic outcrops located along the Asturian coast (Tereñes, Vega and La Griega beaches) where they were able to see dinosaur footprints, the black shale levels and the petroleum source rocks (that contain a kerogen of type II). In the afternoon, after a lunch consisting of typical Asturian food "an Asturian Espicha" in which cider was also present, delegates visited the Asturian Jurassic Museum (MUJA). The field trip was organized by Dr. José Carlos Garcia-Ramos (scientific director of the Museum) and Carlos Aramburu both from Oviedo University, and Laura Piñuela, member of the Museum.

Finally, it remains to mention the excellent attendance at this ICCP-TSOP Joint Meeting in Oviedo with about 170 delegates from 27 different countries representing Asia, Australia, USA, South America (including Mexico), Africa,

Canada, Europe and Russia as well as the satisfaction of the Organizing Committee at the successful outcome of this event. This meeting was without doubt a dynamic forum for scientific discussions both during the official sessions and outside the planned activities, and served to foment the exchange of ideas and the setting up of collaborative research and scientific relationships, all of which took place in a relaxed atmosphere conducive to the making of new contributions to scientific knowledge in the field of coal and organic petrology.

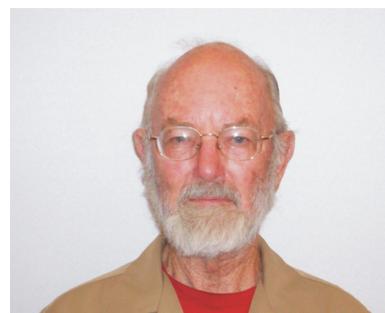
(Report done at the HUCA in Oviedo, October-November 2008)

* * * * *

**Citation for Honorary Membership in
The Society for Organic Petrology**

By W. Kalkreuth

**The John Castaño Award: TSOP Honorary Membership
Awarded in 2006 to Neely Bostick**



N. Bostick, 2006

- **in recognition of outstanding contributions to research in organic petrology;**
- **>65 publications on organic petrology spanning the period from 1968 – 2001;**
- **translation of scientific papers from Russian and German into English;**
- **Contributions to ICCP, chairing the MOD Commission for several ywars;**
- **services to TSOP (Editor, Vice-President, President).**

Academic and Professional Career

- **late 1960's:** student of palynology at Stanford University investigating rocks from Central Coastal California. At this time he also studied properties of organic matter taken close to dyke contacts and deep boreholes, and it is here, according to Neely, that he started his carrier in organic petrology, by using vitrinite reflectance measurements (Russ Dutcher, Penn State University lending a photometer and oil-immersion lens for reflectance measurements).
- **1970:** Doctoral Dissertation, Stanford University, Stanford, CA, USA, entitled "**Thermal alteration of clastic organic particles (phytoclats) as an**

indicator of contact and burial metamorphism in sedimentary rocks”.

- **1970-75:** Research Scientist with the Coal Section, Illinois Geological Survey. Active in ICCP working groups, in particular in chairing the MOD (Dispersed Organic Matter) activities. He provided numerous round-robin samples which were analyzed for different purposes often by about thirty laboratories. Neely compiled the results of many of those studies and served many years as Secretary (later Chairman) of the MOD Commission of the ICCP.
- **1975-76:** worked in Germany (at the invitation of Prof. D. Welte) to establish a new organic petrology laboratory for analysis of sedimentary organic matter at KFA-Juelich (with Chris Cornford).
- **1976-96:** Research Scientist with the US Geological Survey, Denver Office. Established in the early years the organic petrology laboratory at this place, probably the first formally named **“Organic Petrology Laboratory”** in the USA, followed by a very productive period in publishing research papers on coal and dispersed organic matter (see attached selected bibliography).
- Right after his retirement in 1996 he went to Kyrgyzstan to finish a project on Coal Resources and Mining Opportunities in the newly independent Central Asian Country, and the final report (in Russian and English) is available on the USGS publications website.

TSOP Activities

- After the founding of TSOP, mainly by Texas Petrologists, Neely Bostick supported and participated and was on the TSOP Council for five years.
- from 1985-88 as V-President then President and from 1992-1994 as Editor of the TSOP Newsletter.
- He also wrote, in 1986, a distinctive series of articles *“To: Dr. C.H.O. Anthracos” Relation of reflectance and pyrolysis to vitrinite type, Etching polished preparations with low temperature asher, and Smoothness and relief of polished sections.*

Final Remarks

Neely Bostick has produced a remarkable number of high quality papers, which at the time were essential to anyone involved in maturation studies of dispersed organic matter like myself, working on a Ph.D. project at the University of Aachen, Germany in the early seventies.

His contributions to both ICCP and TSOP have been significant. At ICCP he was instrumental to initiate and organize the MOD sample exercises, whereas at TSOP he served as editor, vice president and president.

In conclusion, on behalf of TSOP and the Honorary

Membership Committee 2006, I congratulate Neely Bostick on his professional and scientific career.

J. Kalkreuth

Wolfgang Kalkreuth
2006 - Honorary Membership Committee Chair
Porto Alegre, Nov. 11, 2008

Reference List of Selected Papers considered by Neely Bostick as his major contributions to the science of organic petrology

Bostick, N. H. (1971a). Thermal alteration of clastic organic particles as an indicator of contact and burial metamorphism in sedimentary rocks; american association of stratigraphic palynologists, proceedings, 2nd. Geoscience and Man, 3, 83-92.

Bostick, N. H., & Damberger, H. H. (1971b). The carbon ratio rule and petroleum potential in NPC region 9; proceedings of symposium on future petroleum potential of NPC region 9; Illinois basin, Cincinnati arch, and northern part of Mississippi embayment. Illinois Petroleum, 95, 142-151.

Bostick, N. H., & Foster, J. N. (1975a). Comparison of vitrinite reflectance in coal seams and in kerogen of sandstones, shales, and limestones in the same part of a sedimentary section. In B. Alpern (Ed.), Petrographie de la matiere organique des sediments, relations avec la paleotemperature et le potentiel petrolier. France (FRA): C.N.R.S., Paris, France (FRA).

Bostick, N. H., & Nicksic, C. P. (1975b). Bibliography and index of coal and dispersed organic matter in sedimentary rocks; petrography, catagenesis, relation to petroleum and natural gas, and geochemistry. Illinois Petroleum, (108), 92. Retrieved May 10, 2006, from GeoRef database.

Bostick, N.H. & Alpern, B. (1976) Principles of sampling, preparation and constituent selection for microphotometry in measurement of maturation of sedimentary organic matter. Jour. Microscopy, 109 (1) 41-47.

Bostick, N. H., Cashman, S. M., McCulloh, T. H., & Waddell, C. T. (1978). Gradients of vitrinite reflectance and present temperature in the Los Angeles and Ventura basins, california; symposium in geochemistry; low temperature metamorphism of kerogen and clay minerals. Symposium in Geochemistry; low temperature metamorphism of kerogen and clay minerals, Los Angeles, California

Bostick, N.H. (1979) Microscopic measurement of the level of catagenesis of solid organic matter in sedimentary rocks to aid exploration for petroleum and to determine former burial temperatures – a review. SEPM Sp. Pub. 26, 14-43.

Bostick, N. H. (1983). Vitrinite reflectance and temperature gradient models applied at a site in Piceance basin, Colorado; AAPG annual convention with divisions SEPM/EMD/DPA. AAPG Bulletin, 67(3), 427-428.

Bostick, N. H., & Barker, C. E. (1984a). Influence of time on metamorphism of sedimentary organic matter in liquid-dominated geothermal systems, western north america; discussion and reply [modified]. Geology (Boulder), 12(11), 689-691.

Bostick, N. H., & Pawlewicz, M. J. (1984b). Paleotemperatures based on vitrinite reflectance of shales and limestones in igneous dike aureoles in the Upper Cretaceous Pierre shale, Walsenburg, Colorado; hydrocarbon source rocks of the greater Rocky Mountain region. Rocky Mountain

Association of Geologists 1984 symposium ; hydrocarbon source rocks of the greater Rocky Mountain region.

Bostick, N. H., & Clayton, J. L. (1986a). Organic petrology applied to study of thermal history and organic geochemistry of igneous contact zones and ore deposits in sedimentary rocks; proceedings of the Denver region exploration geologists society symposium; organics and ore deposits. Denver region exploration geologists society symposium; organics and ore deposits, Denver, CO, United States,

Clayton, J. L., & Bostick, N. H. (1986b). Temperature effects on kerogen and on molecular and isotopic composition of organic matter in Pierre shale near an igneous dike; *Advances in Organic Geochemistry, 1985; part I, Petroleum Geochemistry. Organic Geochemistry, 10(1-3), 135-143.*

Bostick, N. H., Betterton, W. J., Gluskotter, H. J., Islam, M. N. (1991). Petrography of Permian "Gondwana" coals from boreholes in northwestern Bangladesh, based on semiautomated reflectance scanning; selected papers from the sixth annual meeting of the Society for Organic Petrology. *Organic Geochemistry, 17(4), 399-413.*

Bostick, N. H., & Daws, T. A. (1994). Relationships between data from rock-eval pyrolysis and proximate, ultimate, petrographic, and physical analyses of 142 diverse U.S. coal samples. *Organic Geochemistry, 21(1), 35-49.*

Finkelman, R. B., Bostick, N. H., Dulong, F. T., Senftle, F. E., & Thorpe, A. N. (1998). Influence of an igneous intrusion on the inorganic geochemistry of a bituminous coal from Pitkin county, Colorado. *International Journal of Coal Geology, 36(3-4), 223-241.*

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Reply to TSOP on receipt of the John Castaño Award

Neely Bostick

Many years back the “black junk” that was the main product of my efforts to concentrate the sparse solid organic matter from some Cretaceous siltstones from California was nothing new to palynologists. In other samples that did contain actual spores or pollen some people had successfully estimated maturation from their color and others had begun to measure maturation from refractive index or reflectance of grains in the black junk. It was gratifying to be received so well then by friendly palynologists, coal petrologists and organic geochemists.

In the early 1970s the pleasure of those early contacts were greatly increased by the success from my efforts to help people apply the techniques of organic petrology in their work, especially in maturation studies of sedimentary basins. The ICCP was remarkably flexible in expanding its program to this new application, with efforts by Boris Alpern, Marlies Teichmuller and others. AASP (the palynologists) played an important role in providing contacts with scientists in oil companies, and some palynologists were converted to organic petrology. With growth of the broad applications of general organic petrology it was natural that a broad organization of that general discipline would evolve – TSOP.

While I was fairly free to work on basic techniques and applications to thermal maturation of sedimentary basins, I contributed little to analysis of types of organic matter in rocks. My analysis of type was mostly that I made a big effort in my measurement of “vitrinite” to measure the least altered grains in a sample and those with structures and shapes that made them least likely to be some sort of solid bitumen and least likely to be redeposited from older rocks. Another thing that one might relate to type was the effort to remove or avoid measurements on grains with the reflectance-lowering “smear film” on polished surfaces – characteristic of vitrinite surfaces from samples taken from rocks with strong petroleum potential.

Now that I am mostly retired, this award and recent contacts with TSOP members and other petrologists are most gratifying because they show how remarkably young people have entered and contributed to the field of organic petrology – not just in relatively new work applied to petroleum exploration or environmental studies but in good old fashioned industrial coal petrology.

* * * * *

**Job Advertisement
CSIRO, Australia**

CSIRO Petroleum in Sydney, Australia currently seeks an enthusiastic and motivated scientist with expertise in coal geology/organic petrology, preferably with additional skills in coal seam gas. Current and planned projects involve R&D related to applying organic petrology and coal geology to oil and gas exploration and appraisal (E&A). For appointment at a senior level, the applicant must have leadership experience and a track record of initiating and developing research projects on petroleum E&A. Responsibility and remuneration will be based on experience.

The appointee will primarily be engaged in:

- designing, developing and promoting innovative R&D projects, including industry-supported studies,
- contributing to geological and organic petrological analyses, and integrating these with other analyses to advance the science of petroleum generation and CSG reservoir characterisation,
- leading and managing geological aspects of CSIRO- and industry-funded CSG activities, comprising coal seam methane (including microbial enhancement) and CO2 geosequestration projects,
- reporting on research findings, including oral presentations at conferences, interpretive reports for industry and publications in journals,
- contributing to the effective functioning of research teams; managing technical and support staff as required.

For more information on the position and selection criteria please contact Neil.Sherwood@csiro.au .

ICCP-TSOP Joint Meeting,
September 21-27, 2008. Oviedo, Spain.



Poster Session - photo courtesy of Isabel Suárez-Ruiz



Beach walk on Asturian field trip – photo courtesy of Isabel Suárez-Ruiz



Business Lunch – photo courtesy of Isabel Suárez-Ruiz



Conference Dinner - photo courtesy of Jingle



Jur Museum Visit – photo courtesy of Jingle



Asturian coast field trip – photo courtesy of Paul Hackley



Dave Pearson checking out the formations on the Asturian field trip – photo courtesy of Paul Hackley.



Maria Mastalerz received the GSA Coal Geology Division's Gilbert Cady Award at the October 2008 GSA meeting in Houston, Texas. Glenn Stracher is with her in the picture.



The classic geology field trip use of the Human scale bar, Asturian field trip – photo courtesy of Jingle.

* * * * *

2009 Pittsburgh Coal Conference

September 21 - 24, 2009

The Westin Convention Center in Pittsburgh, PA, USA

Throughout the world, coal is a major energy source, providing nearly 25% of the world's primary energy consumption. Although coal's share of total energy use was previously expected to decline in the future, the recent high cost of natural gas and petroleum together with projected increasing demand and decreasing reserves of both have created a heightened interest in the use of coal within the United States. However, to maintain this growth, the industry must be responsive to increasing pressures on environmental emissions and global warming as well as improve its public image.

The Twenty-Sixth Annual International Pittsburgh Coal Conference focuses on environmental emissions issues and technologies surrounding the continued use of coal and the development of future coal-based energy plants to achieve near-zero emissions of pollutants, reduced costs, and high thermal efficiency while producing a suite of products to meet future energy market requirements.

2009 Sessions include: **Coal Science:** Chairs - [Jim Hower, B.K. Parekh](#), and [Frans Waanders](#). Topics include Chemistry, Geoscience/Coal Resources, Coal Mining and Reclamation, Trace Elements/Emission, Processing and Coal Preparation.

Papers may be contributed in all subject areas dealing with coal technologies and related policy issues. To qualify for acceptance, you must submit a one-page abstract by e-mail on or before **March 1, 2009**. Please refer to the website for more details:

www.engr.pitt.edu/pcc/2009%20Conference.htm

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**AASP 42nd Annual Meeting
September 27-30, 2009**

**Workshops: September 26
Field Trips: October 1-3**

**Host: Michael Zavada, East Tennessee State University;
Tennessee, USA**

The 42nd Annual AASP- The Palynological Society meeting will be held in the Tri-Cities area of east Tennessee, USA, at The Meadowview Resort (www.marriott.com/hotels/travel/trice-meadowview-conference-resort-and-convention-center/) and Conference Center. The meeting begins Sunday September 27- with all day registration and the evening ice breaker. The meeting ends Wednesday, September 30, 2009 with the business meeting. This meeting will be co-sponsored by East Tennessee State University and the ETSU General Shale Brick Natural History Museum and Visitor Center at the Gray Fossil Site.

We are planning **workshops** prior to the start of the meeting on Saturday September 26, 2009. I am hoping that Vaughn Bryant will agree to a Forensic Palynology workshop and we are hoping a theme for another workshop will be "Educating the next Generation of Palynologists" designed to include the regions K-12 teachers and how they can incorporate lecture or laboratory exercises in the lower grades, and may provide innovative ideas to our academic members. As an added feature we will have three **public lectures** that would begin on Monday afternoon (David Pocknall: "*Palynology and Petroleum: Supplying Americas Energy Needs*"), Tuesday afternoon (Vaughn Bryant: "*Pollen: Much more than just a sneeze*"), and Wednesday afternoon (Owen Davis: "*Climate change in arid regions*"); the public and local educators will be invited to attend these lectures, in addition to our students and professionals.

We are also entertaining a number of **field trips** to begin on Thursday October 1, and return Saturday October 3, among the suggestions are "Appalachian Habitats, a trip through the southern Appalachians for bear and bird watching, it will also include local geology" and "Visit to Dayton, Tennessee, to the Rhea County Courthouse (Home of the Scopes Monkey Trials) and then on to Paris, Tennessee, for collecting in the Eocene Claiborne Formation of West Tennessee". These localities have superb plant fossils and also produce some very nice pollen floras. A third suggestion is the "Appalachian flora and Cumberland gap" which would include either a hiking trip through the gap, or a more sedate road trip through the gap, and the Paleozoic of Harlan County, Kentucky. *Any other suggestions for workshops, public lectures, and/or field trips are welcome, and anyone wishing to take a lead on any of these or other trips is welcome to contact me.* I would also like to open the field trips up to local teachers so they too can mingle with the professionals.

Mike Zavada
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East Tennessee State University
Box 70703
Johnson, City, TN 37614
423-439-6919
zavadam@etsu.edu

**ROLE OF METALS IN UNDERSTANDING THE
ORIGINS OF PETROLEUM**

June 21-26, Davos, Switzerland
www.goldschmidt2009.org

We invite you to submit a presentation to the above session, with a focus on how metals provide insights on the origins of petroleum. Although the association of organics and metals has always been a topic of interest in organic geochemistry, most of the studies have focused on metallic ore deposits. This session will focus on how metals provide insights on the origins of petroleum.

The session objectives are broadly defined, and topics will include:

- Occurrence of organically-bound metals in crude oils, and implications for origin
- Age dating crude oils, and inference on time of generation/expulsion
- Metals in natural gases, and implications for petroleum generation and migration
- Application of metal isotope ratios to questions of petroleum origin
- Metal catalysts and their potential involvement in hydrocarbon generation
- Metals as correlation parameters to relate oils to other oils, and to their sources
- Contribution of metals to petroleum from mantle fluids

Our goal is to bring together those investigating metal occurrence as a tool to evaluate the various origins of oil and gas, using the many methods of organic and inorganic geochemistry.

Abstract submission begins on January 1, 2009, and ends on February 22, 2009. All abstract submissions will be online at www.goldschmidt2009.org/abstracts/instructions. The abstract submission form will become 'live' on January 1st, 2009.

Additional information on the details and intent of this session are available from the conveners (contact details below).

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Calendar of Events

2009

March 22-26, 2009: Spring Meeting of the American Chemical Society, Salt Lake City, Utah, USA.

<http://portal.acs.org/>

April 19 – 24, 2009: European Geosciences Union General Conference, Vienna, Austria.

<http://meetings.copernicus.org/egu2009/>

May 4-7, 2009: World of Coal Ash (WOCA) conference, Lexington, Kentucky, USA. www.worldofcoalash.org/

June 7-10, 2009: AAPG Annual Convention, Colorado Convention Center, Denver, Colorado, USA.

www.aapg.org/denver/

June 14-19, 2009: Carbon 2009, the Annual World Conference on Carbon, Biarritz, France.

www.carbon2009.org/

June 21-26, 2009: Goldschmidt Conference, Davos, Switzerland. www.goldschmidt2009.org

September 19-26, 2009: Joint Meeting of TSOP/ICCP, Gramado, Brazil. www.tsop.org

September 27-30, 2009: 42nd Annual AASP- The Palynological Society meeting, East Tennessee State University; Tennessee, USA.

October 18-21, 2009: 2009 GSA Annual Meeting, “From Volcanoes to Vineyards: Living with Dynamic Landscapes”, Portland, Oregon, USA. www.geosociety.org/meetings/

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Calendar Updates Invited!

If you have information on an upcoming meeting that is not currently in the Calendar of Events, please send the information to the Editor at rwalker@coalpetrography.com

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Meeting Reports invited!

Reports and photographs from meetings of interest to TSOP members are needed for inclusion in the newsletter. Please refer to article submission guidelines on page 3 and send any reports or pictures to the Editor at

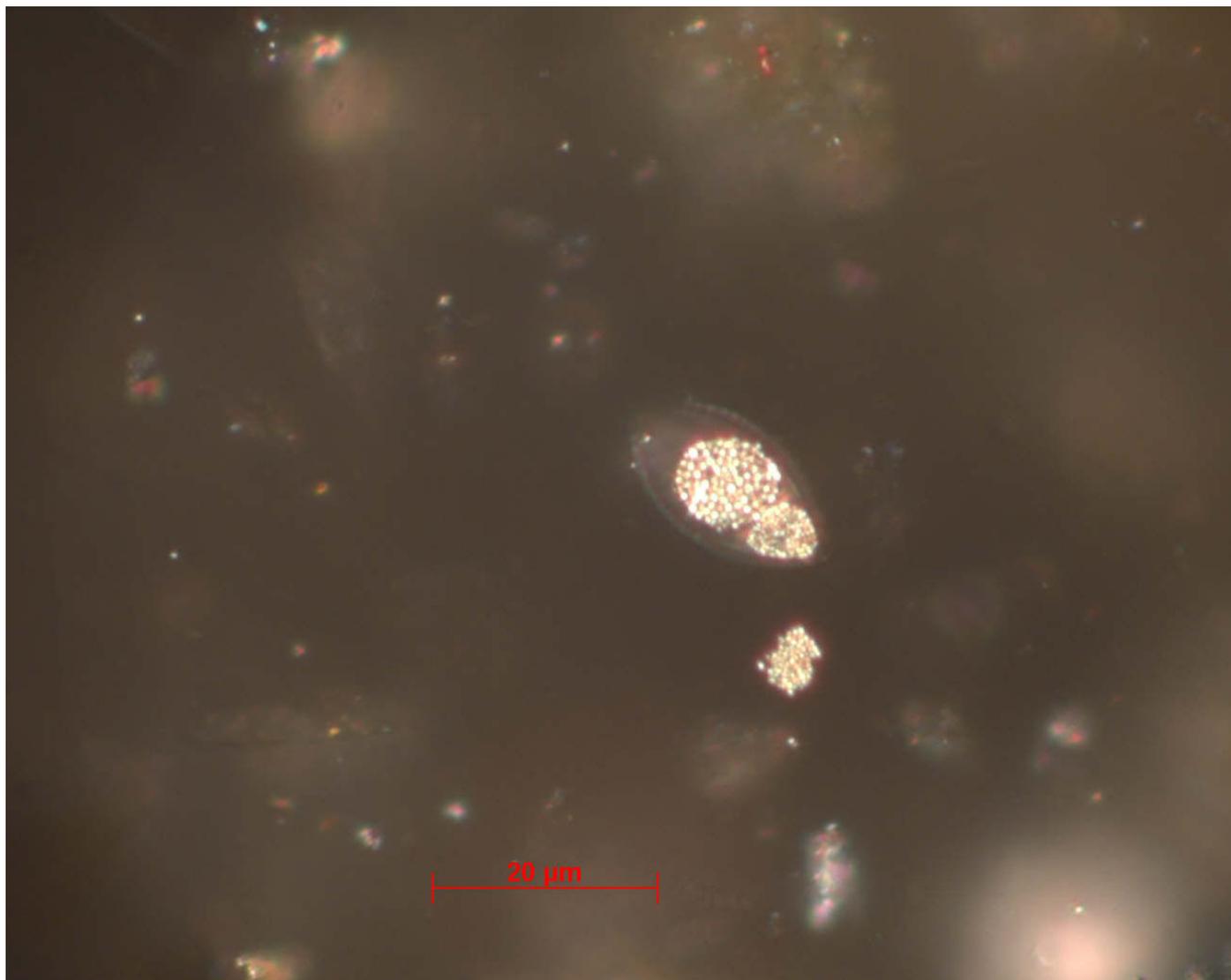
rwalker@coalpetrography.com

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Delegate Photo, TSOP/ICCP Meeting, Oviedo, Spain.



Photo Gallery



Framboidal Pyrite formed within the diatom frustule indicating the active bacterial sulphate reduction (BSR) in upper recent sediments from the Arctic Ocean (Davis Strait marine sediment core) (Unpublished Data).

Photo by:

Joscelyn Bailey & Hamed Sanei (2008)

Geological Survey of Canada (Calgary)