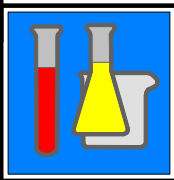




THE SOCIETY FOR ORGANIC PETROLOGY



NEWSLETTER

Vol. 26, No. 1

March, 2009

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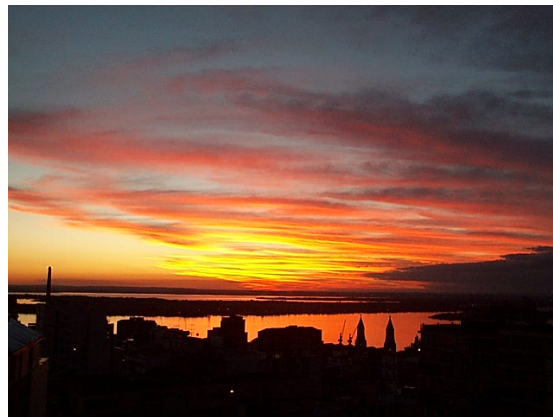


**Joint 26th TSOP and
61st ICCP Annual Meeting**

19-26 September 2009



Gramado Main Street



Sunset in Porto Alegre

Gramado / Porto Alegre, Brazil

Host:

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

**26th Annual TSOP Meeting with ICCP
September 19-26, 2009
Gramado, Brazil
See pages 8-13**

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

Planned Schedule Includes:

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

ISSN 0743-3816 published quarterly

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**DEADLINES: June Issue: June 5, 2009
September Issue: September 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
e-mail: rwalker@coalpetrography.com

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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UPCOMING TSOP MEETINGS

2010: The 2010 27th TSOP Annual Meeting will be in Denver, Colorado, September 12-15, 2010. It will consist of two days of meetings, a pre-meeting field trip and a post meeting field trip. Mark Pawlewicz is the Meeting Organizer.

2011: The 2011 28th TSOP Annual Meeting is in the planning proposal stages for Halifax, Canada. The timing has yet to be decided. Dr. Prasanta K. Mukhopadhyay (Muki) and Mike Avery would be Meeting Organizers, with Hamed Sanei assisting.

* * * * *

** LOST E-MAIL CONTACT **

We have lost email contact with the following members. At present, email is the only practical means by which a volunteer Society of our size and budget can connect with its members. Please make it a priority to keep us informed of changes to any contact information but especially your email address. It would be of immense benefit to TSOP and these members in particular if you could take a minute to scan the list below and help us reestablish contact with any of these folks. If you have any contact with anyone on this list then please ask them to send us an updated address.

Also, any member who doesn't presently have an email account but has any kind of internet access can create an private email account on Google, Hotmail or several other sites that offer this a free service. Please make email contact with TSOP a priority.

Members with no email address:

John D. Campbell CANADA
Basim S. Faraj CANADA
David Graham CANADA
Ian A. McIlreath CANADA
Zhong Ningning CHINA
Paul Robert FRANCE
Jan Bruensing GERMANY
Alv Orheim NORWAY
Alexei Ievlev RUSSIA
Valentina A. Pesetskaya RUSSIA
Kuo Cheng-Lung TAIWAN
Galina G. Jernovaja UKRAINE
Aureal Cross USA
Alan M. Dennis USA
C. Philip Dolsen USA
Daniel M. Jarvie USA
Charles R. Landis USA
Tim Pratt USA
Richard R. Thompson USA
Rachael A. Von Mann USA

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.

* * * * *

CATCH UP ON YOUR TSOP DUES!

Are you paid up for 2009? TSOP funding is dependant upon members' dues, so please check to ensure you are up to date. If you are not sure what your dues status is, please contact Mike Avery at mavery@nrcan.gc.ca. Don't forget, members can elect to pay several years in advance by taking advantage of the *5 years for the price of 4* discount.

* * * * *

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

- Formation name
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- %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

* * * * *

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:

* * * * *

TSOP Website Moves, Readies for Revamp

By David Glick,
Internet Committee Chair

In early March, the TSOP website was moved to a new server, although everyone will still find it at www.tsop.org. The Internet Committee is grateful to personnel at the University of British Columbia's Department of Earth and Ocean Sciences for hosting the site for over twelve years. In the early years, setting up a site and a domain name required specialized knowledge, and they have always contributed that knowledge and their efforts, providing great benefit to TSOP.

Commercial hosting services are now low-priced, user-friendly and provide many features. We have moved the TSOP site to one of them to take advantage of those features. For example, we have already set up a webmaster@tsop.org email address, and will soon have some other email addresses at tsop.org. We're planning a members-only section and more.

The next step is a thorough update of the site; the first phase may be complete around the end of March. **Volunteers are requested** to help during and after that process, including some of the following tasks:

- 1) Review and provide suggestions and guidance for the new site as it is being built. 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, on a continuing basis, or both. 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, a discussion forum, or the links sections.

Please contact David Glick <webmaster@tsop.org> as soon as possible to volunteer in any or all of those categories, or to find out more.

* * * * *

News from ASTM

ASTM subcommittee D05.28 for the petrographic analysis of coal and coke will meet at the Fairmont Hotel in Vancouver, British Columbia, Canada, during ASTM D05 committee week, May 17-20, 2009. Subcommittee D05.28 is charged with maintaining six ASTM consensus standards. These include three *test methods* which produce a numerical result: 1) vitrinite reflectance of coal, 2) maceral composition of coal, and 3) textural components of coke. Also included within the purview of D05.28 are three *practices* (instructions for sample preparation). The practices are for: 1) preparing coal samples for microscopical analysis, 2) preparing coke samples for microscopical analysis, and 3) etching of coal samples. Current business before the subcommittee includes 1) the balloting of repeatability and reproducibility statements, 2) the addition of photomicrographs to the maceral composition test method, 3) an approved ballot and additional changes required for the vitrinite reflectance test method, and 4) progress in the formation of an expert task group to address the development of a test method or practice for dispersed vitrinite reflectance analysis.

Subcommittee membership (currently numbering 28) primarily is from the metallurgical coal industry, including representatives from steel companies, service laboratories, and consultancies. A small minority of the committee consists of representatives from governmental organizations and academia. TSOP members who have an interest and would like to contribute to consensus standards development within subcommittee D05.28 are encouraged to contact **Paul Hackley** (phackley@usgs.gov) for additional information.

* * * * *

NEW TSOP MEMBERS

Joscelyn N.-L. Bailey

Mr. Bailey currently is pursuing PhD studies at the University of Manitoba, Winnipeg, using organic petrology as a tool to identify environmental and climatological changes under the supervision of Drs. Hamed Sanei, Gary Stern, and Peter Outridge. He holds BSc and MSc degrees in geology and geochemistry from the University of Waterloo, Ontario, and currently holds a Research Affiliate position with the Geological Survey of Canada, Natural Resources Canada.



Joscelyn N.-L. Bailey

Dr. Peter Outridge

Dr. Outridge received his PhD in 1990 from the University of Toronto for a study of the biochemistry of metals in plants. Since 1995 he has been engaged as a research scientist in biogeochemistry at the Geological Survey of Canada in Ottawa. One of his major research interests is how climate change is affecting mercury and organic matter relationships in Arctic aquatic systems.



Dr. Peter Outridge

Mark Pawlewicz

Mr. Pawlewicz received his BS degree in geology from Pennsylvania State University in 1978 and an MS in geology from the Colorado School of Mines in 1983. For the last three decades he has been engaged in a variety of research projects related to organic petrology at the U.S. Geological Survey in Lakewood, Colorado.



Mark Pawlewicz

Roberto Carlos Aguilera

Mr. Aguilera received his BS degree in geology in 1995 from the Universidad Nacional de Colombia. Since receiving his degree he has pursued studies of basin modeling, organic geochemistry, petrophysics, geophysics, and seismic modeling of Colombian oil, gas, and coal deposits. Since 2001 he has owned and operated RA GEOLOGIA E.U., a consulting firm specializing in basin analysis, reservoir characterization, and prospect evaluation.



Roberto Carlos Aguilera

* * * * *

2009 AAPG Short Course, Denver, Colorado

Evaluation of Maturity, Heat Flow Analysis, and Petroleum System Modeling for Conventional and Unconventional Petroleum Exploration

June 11, 2009

Denver Convention Center, Colorado, USA

Instructors:

Dr. Prasanta K. Mukhopadhyay (Muki), President, Global Geoenergy Research Limited & Adjunct Professor, Dalhousie University, Earth Sciences Department, Halifax, Nova Scotia, Canada (Email: muki@global-geoenergy.com or muki@ns.sympatico.ca) and **Dr. Thomas Hantschel** Center Manager of the Schlumberger Center of Excellence for Petroleum Systems Modeling, GmbH (former Integrated Exploration Systems IES), Aachen, Germany (thantschel@aachen.oilfield.slb.com)

Course Content

This one day short course note will include a comprehensive report on the hands on measurement methods and implications of (1) heat flow and thermal conductivities; (2) various thermal maturity parameters including vitrinite reflectance measurements and FAMM (fluorescence alteration analysis) and their relationship to organic facies and kerogen type; (3) 1D/2D/3D thermal modeling and their relationship with the timing of hydrocarbon generation, expulsion, and entrapment.

The course note will also include a short descriptions on the fundamentals of organic petrology (including some details on vitrinite reflectance and organic facies determinations), the geochemistry of vitrinite reflectance (application and limitations) and the role of thermal maturation markers (vitrinite reflectance, FAMM, TAI, apatite fission track annealing, and geochemical parameters) as calibration parameters for petroleum system modeling will be demonstrated. This short course plans to demonstrate vitrinite reflectance and other microscopic methods used for petroleum exploration. The course note will also illustrate the kinetics of gas generation and its relation to the maturity calibration for both conventional (deepwater sediments) and unconventional (Shale Gas and CBM) gas exploration projects.

The fundamentals of heat flow calculation will be explained for steady state, transient, one- and multidimensional analysis including radioactive heat production and heat convection related to the values of various lithological properties. This will also include heat flow calibration methods using several stochastic models on inversion of the crustal lithosphere. Examples of heat flow and 1D and 3D maturation (temperature and % Ro) or heat flow modeling practices based on petroleum system analytical concepts will be demonstrated and some exercises on maturity and petroleum system modeling will also be included.

* * * * *

International Journal of Coal Geology

2009 TSOP Member Subscription Prices

USD \$101
YEN ¥12,100
EUR €3

Review of Paleobotany and Palynology

2009 TSOP Member only Subscription Prices

USD \$113.00

**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

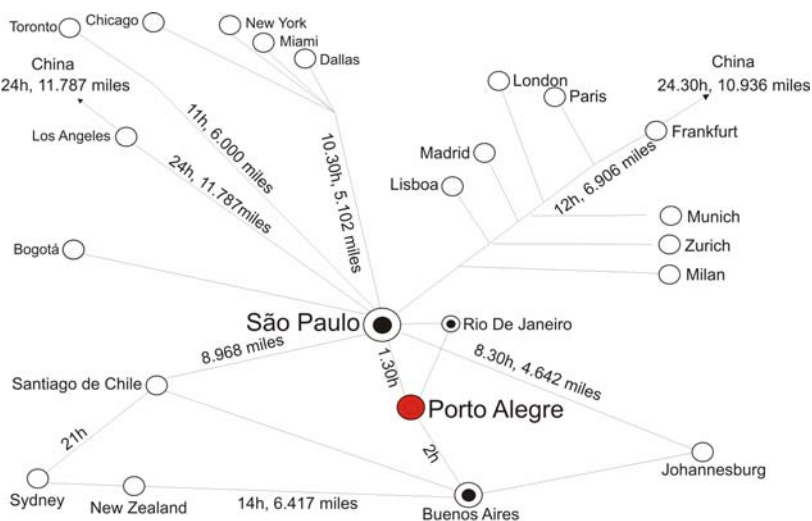
1. Organizing Committee:

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



International Connections, distances not to scale.

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:

Abstract Format: maximum of 1 page, 12 Times New Roman. Deadline for Abstract Submission: **April 30, 2009**

Please submit via e-mail: simonebasso@officemarketing.com.br or anacarolina@officemarketing.com.br

or to the following address: Office Marketing Eventos
 Rua 17 de Junho, 436
 Menino Deus
 90110-170 Porto Alegre, Brazil
 Fax 55 51 2108 3100
 Phone: 55 51 2108 3111

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

6. Registration Fee, Conference Dinner, Fieldtrips

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

Exchange Rate (02/03/2009): 1 Euro = R\$ 3.10; 1 US\$ = R\$ 2.44

| | Registration Fee (R\$) | Registration Fee (R\$) |
|------------------------------|-------------------------------|-------------------------------|
| | Before April 30, 2009 | After April 30, 2009 |
| ICCP and TSOP Members | 250,00 | 350,00 |
| Guests | 250,00 | 350,00 |
| Students | 50,00 | 70,00 |

Registration includes: Ice-Breaker, participation in ICCP and TSOP sessions and ICCP/TSOP symposium, coffee breaks, light luncheons. TSOP business luncheon is included for TSOP Members, and optional for ICCP Members (R\$ 20,00), see also registration form.

Short Course Fee: Professional: R\$ 60,00; Student: R\$ 20,00

Title: Palynofacies and Organic Facies: Principles, Methods and Applications

Authors: Dr. João Graciano Mendonça Filho¹, M.Sc.Taíssa Rêgo Menezes², Dr. Joalice de Oliveira Mendonça¹

¹LAFO – Laboratório de Palinofácies & Fácies Orgânica, Universidade Federal do Rio de Janeiro, RJ, ²CENPES – Petrobras Research Center, Rio De Janeiro, RJ.

Short Course Abstract:

The concept of organic facies, as well as the definitions and means of the different facies have become a very important tool to depositional environmental characterization and petroleum exploration. The application of this concept is the best way to integrate microscopy and geochemical techniques to study kerogen contained in sedimentary rocks. Thus, palynofacies analysis and bulk geochemical methods are used to characterize the total particulate organic matter. Palynofacies analysis involves the integrated study of all aspects of the kerogen assemblage: identification of the individual particulate components, assessment of their absolute and relative proportions and preservation. The correlation between palynofacies and geochemical data provides the organic facies models that point out the depositional environmental conditions and hydrocarbon source rock potential.

FIELDTRIPS:

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

Fieldtrip 1: Excursion to the Leão – Butiá Coalfield, Rio Grande do Sul

Fieldtrip Leaders: Maristela Bagatin Silva¹, Eduardo Osório², Margot Sommer², Miriam Cazzulo-Klepzig², Wolfgang Kalkreuth²

¹Fundação da Universidade do Rio Grande, Rio Grande, RS, ²Universidade Federal do Rio Grande do Sul, Porto Alegre, RS

Date: September 26, 2009, 08.30 – 17.00 h

Routing: Gramado – Leão-Butiá – Arroio dos Ratos – Porto Alegre

Fee: R\$ 120,00

Summary: This one-day fieldtrip will examine Permian coal seams of the Paraná Basin in one of the open pit mines in the Leão – Butiá Coalfield, RS. The coals are subbituminous in rank and are at present time predominantly used for power generation in the nearby power plants of Charqueadas and São Jerônimo. During the visit at the mine site, we will discuss the petrological characteristics of the coal seams, models of accumulation of the precursor mires, based on maceral composition, palynology and

paleobotany, as well as sequence stratigraphic concepts. In terms of technological properties of the coals we will discuss recent results on tests in pulverized coal injection, and their potential use in coal blends for coke-making.

The final stop of the day will be in Arroio dos Ratos, RS, where we will visit the site of the first coal power plant in Brazil, which operated from 1924 to 1956. The nearby Coal Museum has a collection of historical photos, tools and artifacts, illustrating the conditions in the subsurface mine providing the coal at the time of operation of the power plant.



Fieldtrip 2: Excursion to examine the relationship of soil type and climate to champagne and wine quality in the region of Vale dos Vinhedos, RS
 Fieldtrip Leaders: Wolfgang Kalkreuth, UFRGS, Eduardo Giovannini, IF CET, Campus Bento Gonçalves

Date: September 26, 2009, 08.30 – 18.00 h

Routing: Gramado – Garibaldi – Vale dos Vinhedos – Porto Alegre

Fee: R\$ 170,00

Summary: This one-day fieldtrip will examine the relationship of soil type and climate to champagne and wine quality in the region of Vale dos Vinhedos, RS. The Vale dos Vinhedos (Valley of the Vinyards) is located between the towns of Garibaldi and Bento Gonçalves, where wine and champagne making dates back to the year 1875, when Italian immigrants settled in the area. The first stop will be at the Vineyard of Peterlongo, where in 1913 the first champagne was produced in Brazil and since that time received numerous awards both at national and international competitions. We will visit the caves followed by champagne tasting. The second stop of the day will be at the Valduga Vinyard, by many considered to produce one of the finest wines in Brazil, both red and white wines. Here we will also visit the facilities, followed by a wine tasting and a lunch typical for the area. At both localities we will discuss the characteristics of the champagne and wines in relation to the local soil and climate conditions.



Visit to **Caracol Park** (Sept. 23, 2009) including luncheon: R\$ 65,00.

Conference Dinner (Sept. 24, 2009) including bus transport: Churrascaria Garfo & Bombacha, Canela: R\$ 95,00

8. Accommodation:

Please note: due to some other concurrent conferences at the time of the ICCP/TSOP Meeting it is advisable to book early. The following Hotels in Gramado have a **30% discount** agreement between the hotels and the Centro de Eventos. **This must be mentioned when booking: Hotels no. 2, 4, 6, 15, 19, 20, 21, 22.** The other hotels do not have this discount.

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

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

3. HOTEL SUL SERRA

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

4. HOTEL GLAMOUR DA SERRA

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

5. HOTEL TOSCANA

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

6. POUSADA BELLA TERRA

ADDRESS: Av. Borges de Medeiros, 2870- Centro
TELEPHONE: 55 54 3286 / 55 54 3295 2100
55 54 3295 2101
E-MAIL: reservas@pousadabellaterra.com.br
HOMEPAGE: 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
HOMEPAGE: www.pousadabelluno.com.br
RATES SGL/DBL: R\$68,00/ R\$85,00

8. POUSADA JANZ TEAM****Student Housing**

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

9. CASA DA JUVENTUDE****Student Housing**

ADDRESS: Rua 25 de julho, 833
TELEPHONE: 55 54 3286 1811
E-MAIL: casadajuventude@via-rs.net
HOMEPAGE: www.brasilalemanha.com.br/acg
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
HOMEPAGE: www.gramadohostel.com.br
RATES SGL/DBL: 32,00

11. HOTEL CASA DA MONTANHA (LUXO)

ADDRESS: Avenida Borges de Medeiros 3166
TELEPHONE: 55 54 3295 7575
HOMEPAGE: 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
HOMEPAGE: www.vovocarolina.com.br
RATES SGL/DBL: R\$ 114,00/ R\$ 164,00

12. HOTEL VÔ MÁRIO (LUXO)

ADDRESS: Rua Garibaldi 254
TELEPHONE: 55 54 3286 7435
HOMEPAGE: 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
HOMEPAGE: www.hotelpousadakaster.com.br
RATES SGL/DBL: R\$ 210,00 / R\$ 250,00

15. HOTEL SKY

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

16. HOTEL CANTO BELO

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

17. POUSADA SOLAR DA SERRA (SIMPLES)

ADDRESS: Rua Sen Salgado Filho 432
TELEPHONE: 55 54 3286 1026
HOMEPAGE: www.solardaserra.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
HOMEPAGE: www.hotelquerencia-nrs.com.br
RATES SGL/DBL: R\$130,00/ R\$180,00

19. HOTEL ESTRELA DA SERRA

ADDRESS: Avenida Borges de Medeiros, 1313
TELEPHONE: 55 54 3286-2424
HOMEPAGE: www.hotelestrelasdaserra.com.br

20. HOTEL GALO VERMELHO

ADDRESS: Avenida das Hortências, 4357- Centro
TELEPHONE: 55 54 3286-1721
HOMEPAGE: www.hotelgalovermelho.com.br

21. HOTEL RECANTO DA SERRA

ADDRESS: Travessa Mestre Hiran, 114- Centro

TELEPHONE: 55 54 3286 2450

HOMEPAGE: www.recantodaserra.com.br**22. Hotel Rita Hoppner**

ADDRESS: Rua Pedro candiago, 305- Centro

TELEPHONE: 55 54 3286 1334

HOMEPAGE: www.minimundo.com.br

Hotels in Porto Alegre**HOTEL CONFORT**

ADDRESS: R. Loreiro da Silva, 1660 Cidade Baixa

TELEPHONE: 55 51 2117 90 00

HOMEPAGE: 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

HOMEPAGE: www.masterhoteis.com.br

RATES SGL/DBL: R\$149,00/ R\$159,00

HOTEL EMBAIXADOR

ADDRESS: R. Jerônimo Coelho, 354

TELEPHONE: 55 51 3215 6600

E-MAIL: reservas@embaixador.com.brHOMEPAGE: 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

HOMEPAGE: www.everest.com.br

RATES SGL/DBL: R\$ 169,00/ R\$189,00 (+ 5% de taxas)

HOTEL MASTER EXECUTIVO

ADDRESS: Avenida Alberto Bins, 618- Centro

TELEPHONE: 55 51 3025 4000

RATES SGL/DBL: R\$121,00/ R\$128,00

HOTEL RISHON

ADDRESS: Rua Doutor Flores, 27. Centro

TELEPHONE: 55 51 3228-1387

HOMEPAGE: www.hoteisrison.com.br

RATES SGL/DBL: R\$115,00/ R\$128,00

ARVOREDO RESIDENCE

ADDRESS: Rua Cel Fernando Machado, 347 - Centro

TELEPHONE: 55 51 3211-5199

RATES SGL/DBL: R\$120,00/ R\$134,00

EXPRESS AEROPORTO

ADDRESS: Av Farrapos, 4655 - São Geraldo

TELEPHONE: 55 51 3343-0411

HOMEPAGE: www.hotelexpress.tur.br

RATES SGL/DBL: R\$120,00/ R\$130,00

Banking Hours**Money Exchange at Airports:****Airport Guarulhos - São Paulo**

BANKPAR: 7h - 22h30min - weekdays and weekend

Confidence: daily 24 hours

Banco do Brasil: 10h - 20h30 - weekdays and weekend

Action: 5h - 00h - weekdays and weekend

Banco Safra: daily 24 hours

Airport Galeão - Rio de Janeiro

Banco do Brasil: 8h - 20h - weekdays and weekend

Banco Safra: daily 24 hours

Airport Salgado Filho - Porto Alegre

Alternativa Tur e Câmbio: 7h - 21h - weekdays and weekend

Casa Brasil Câmbio: 7h30min - 22h - weekdays and weekend

Money Exchange - Gramado

BMNZ

Rua Garibaldi, 456 room 02

54-3286.6440

13h - 17h30min, Monday to Saturday

Banco do Brasil

Rua Madre Verônica, 100

54-3286.2807

10h - 15h, Monday to Friday



Vinyard do Peterlongo, Garibaldi.

| 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 Short-Course: Palynofacies and Organic Facies: Principles, Methods and Applications | 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 | Coffee Break | Coffee Break | Coffee Break | 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 Commission Meetings | ICCP Commission Meetings | ICCP Commission Meetings | ICCP Commission Meetings | | | ICCP/TSOP Symposium | |
| 11:30-12:00 | | | ICCP Council | Welcome | ICCP Commission Meetings | ICCP Commission Meetings | ICCP Commission Meetings | | ICCP/TSOP Symposium | TSOP Technical Sessions |
| 12:00-12:30 | | | | ICCP General Assembly | | | | | ICCP Commission Meetings | |
| 12:30-13:00 | Coffee Break | Coffee Break | | Coffee Break | Coffee Break | ICCP/TSOP Poster Session | Coffee Break | | | |
| 13:00-13:30 | ICCP General Assembly | ICCP Commission Meetings | ICCP Commission Meetings | ICCP Plenary Session | ICCP/TSOP Poster Session | | TSOP Technical Sessions | | | |
| 13:30-14:00 | | | | | | | | | | |
| 14:00-14:30 | Registration & Ice-Breaker | Council Meeting ICCP | Outgoing Council Meeting TSOP | TSOP Registration & Ice-Breaker | Conference Dinner | Incoming Council Meeting TSOP | | | | |
| 14:30-15:00 | | | | | | | | | | |
| 15:00-15:30 | | | | | | | | | | |
| 15:30-16:00 | | | | | | | | | | |
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| 18:00-18:30 | | | | | | | | | | |
| 18:30-19:00 | | | | | | | | | | |
| 19:00-19:30 | | | | | | | | | | |
| 19:30-20:00 | | | | | | | | | | |
| 20:00-20:30 | | | | | | | | | | |
| 20:30-21:00 | | | | | | | | | | |
| 21:30-22:00 | | | | | | | | | | |

**North American Coalbed Methane Forum
April 20-21, 2009**

Hilton Garden Inn at Southpointe
Canonsburg, Pennsylvania, USA

The North American Coalbed Methane Forum will hold its Spring Session at the Hilton Garden Inn near Cannonsburg, Pennsylvania on April 20-21, 2009. Please contact Ihor Havryluk havryluk@zoominternet.net or Dr. Kashi Aminian Khashayar.aminian@mail.wvu.edu for details.

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WORLD OF COAL ASH (WOCA)

May 4-7, 2009

Lexington, Kentucky, USA

WOCA is an international conference organized by the American Coal Ash Association (ACAA) and the University of Kentucky Center for Applied Energy Research (CAER). The 2009 conference marks the two organizations' third joint biennial meeting. It will again focus on the science, applications and sustainability of coal ash worldwide. As such, it will encompass all aspects of coal combustion products (CCP's) as well as gasification products.

Plenary Session: This year's plenary session will be devoted to discussions by speakers from TVA, the US EPA, and environmental advocacy group, engineering firms and state regulatory staff about the Kingston event itself, lessons learned, planned actions and implications of this ash spill on the US industry.

Short Course: The Science of Ash Utilization

This short course will cover basic information about the science and technology of coal combustion by-products. It will be taught by leading experts from academia and industry in two parallel tracks, offering more choices for students. This year's short course will feature an expanded sessions on the geotechnical characteristics of ash in landfill and impoundments and as a material for engineering road base and structural fill as well as a session on green cement technology (non Portland cement). These sessions will be taught by leading experts in the field.

See www.worldofcoalash.org for details

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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.

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

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GOLDSCHMIDT 2009

June 21-26, Davos, Switzerland

www.goldschmidt2009.org

Theme 9: Earth's Resources I: Origin and Sustainable Exploitation of Oil/Water/Gas systems

Co-ordinators: Barbara Sherwood Lollar (University of Toronto)
Mike Lewan (USGS Denver)

Team members: Geoffrey Ellis (USGS Denver), Steven Harris (USGS Denver), Brian Horsfield (GFZ Potsdam), Johanna Lippmann-Pipke (IIF Leipzig), Anna M. Martini (Amherst College), Lisa Mary Pratt (Indiana University), M. Cathryn Ryan (University of Calgary)

Theme 9 sessions include:

Energy and the Environment: Fluid/rock Interaction
Role of Metals in Understanding the Origins of Petroleum
Thermal Stability of Petroleum in the Earth's Subsurface
Shale Gas, Coalbed Methane and Novel Sources of Natural Gas
The Role of Sulfur in Petroleum Systems
Understanding Hydrocarbon Biodegradation: Field and Laboratory Approaches
Future Impacts on Hydrogeological Resource Potential and Quality: Global Change and Implications for the Future of Water Resources in Arid and Semi-Arid Regions
Reactive Transport Processes in Groundwater Systems

Early Registration closes May 1st, 2009

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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/tricc-meadowview-conference-resort-and-convention-center/) and Conference Center. 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
Department of Biological Sciences
East Tennessee State University
Box 70703
Johnson, City, TN 37614
423-439-6919
zavadam@etsu.edu

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Calendar of Events

2009

April 19 – 24, 2009: European Geosciences Union General Conference, Vienna, Austria.
<http://meetings.copernicus.org/egu2009/>

April 20-21, 2009: North American Coalbed Methane Forum, Inc., Canonsburg, Pennsylvania. Contact havryluk@zoominternet.net or Khashaya.aminian@mail.wvu.edu for details

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

May 17-20, 2009: ASTM D05 committee week including the subcommittee D05.28 for the petrographic analysis of coal and coke. Fairmont Hotel, Vancouver, British Columbia, Canada.

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

August 16-20, 2009: American Chemical Society National Meeting and Exposition. Washington DC, USA. www.chemistry.org

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

September 21 - 24, 2009: 26th International Pittsburgh Coal Conference, Pittsburgh, Pennsylvania, USA. www.engr.pitt.edu/pcc/2009%20Conference.htm

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

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 walker@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 walker@coalpetrography.com

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Photo Gallery



Dinosaur footprint on Tereñes Beach, Asturian Coast, Spain. Photo courtesy of Isabel Suarez-Ruiz.