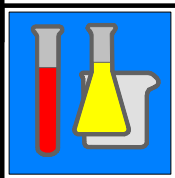


**THE SOCIETY FOR ORGANIC PETROLOGY**



# NEWSLETTER

Vol. 24, No. 3

September, 2007

ISSN 0743-3816



Parliament House, Victoria, BC

**The 24<sup>th</sup> Annual TSOP  
Meeting with ICCP and  
CSCOP.**

**Held from August 19-25, 2007,  
Victoria, BC, Canada**

**2008:  
The 25<sup>th</sup> Annual TSOP Meeting  
with ICCP will be in  
Oviedo, Spain.**



Escandalera Square, Oviedo, Spain

**25<sup>th</sup> Annual TSOP Meeting with ICCP  
September 22-28, 2008  
Oviedo, Spain  
See pages 10-13**

**Conference Themes Include:**

- **Advances in Organic Petrology and Organic Geochemistry.**
- **Applied Organic Petrology to Coal utilization and coal by-products.**
- **Organic Petrology in the context of Clean Coal Technologies**
- **Organic Petrology and Environment**

**Planned Schedule Includes:**

Sunday, September 21:  
Ice Breaker and ICCP Council Meetings  
Monday September 22:  
ICCP Commission Meetings  
Tuesday, September 23:  
ICCP Commission and Council Meetings  
Wednesday, September 24:  
ICCP Commission and Plenary Meetings  
TSOP Council Meeting  
Thursday, September 25:  
TSOP Technical Sessions and Business Lunch  
Joint TSOP-ICCP Science Session  
Friday, September 26:  
TSOP Technical and Poster Sessions  
Evening Conference Dinner  
Saturday, August 25:  
Field Trip

**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](http://www.tsop.org). You will then be billed by Elsevier. Contact Paul Hackley <[phackley@usgs.gov](mailto: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](http://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: December Issue: Dec 5, 2007  
March Issue: March 5, 2008**

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:

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Gary, Indiana  
USA 46406  
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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](mailto: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](http://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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**Cover photos** of Victoria, 2007 Joint TSOP, CSCOP and ICCP Meeting, and upcoming 2008 TSOP and ICCP Meeting in Oviedo, Spain.

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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](mailto:kenneth.kuehn@wku.edu) for further information.

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## President's Letter

Dear TSOP Members,

My sincere thanks to outgoing President Jeffrey Quick and Council member Joe Curiale for their dedicated efforts on behalf of the success of TSOP. I am astonished and awed at the dedication and determination of our Council members, and committee chairs and members who make this society function. Everyone has a different perspective and opinion, but all are clearly working toward making this Society stronger. I am looking forward to working with our new Vice President, Hamed Sanei, and Councilor, Sharon Swanson. The Society, as a whole, also thanks Louis Loung-Yie Tsai and Ning-Ning Zhong for agreeing to run for TSOP office. We will be calling on both of you again!

The Joint CSCOP-TSOP-ICCP meeting in Victoria, Canada, was very successful, with 95 registrants. Our heartfelt thanks go to the Co-chairs, Lavern Stasiuk, Judith Potter, Hamed Sanei, and Andrew Beaton. David Marchioni, Julito Reyes, Bill MacDougall, Katrina Cheung, David Pearson, and Jennifer Pearson deserve our applause as members of the Organizing Committee. Thank you all. The meeting was held on the beautiful campus of the University of Victoria. For those of you who were unable to attend, check out Paul Hackley's pictures of the local fauna of the campus and other meeting scenes at

<ftp://ftpext.usgs.gov/pub/er/va/reston/phackley/>.

TSOP had two full days of technical sessions clustered under the topics of Unconventional Petroleum Systems and Advances in Organic Petrology, Organic and Inorganic Chemistry. The science content was, as always, sophisticated and inspiring. On the second day, long-time member Fariborz Goodarzi, was honored in a daylong symposium, organized by past and present students and colleagues.

Professor Kuili Jin received the 2007 TSOP Castaño Honorary Membership Award for his profound and lasting (over 50 years) influence on the field of organic petrology in China from Jeffrey Quick at the Business Lunch. And our 2006 Awardee, Neely Bostick, was in attendance for his

induction into the ranks of the Castaño hall-of-fame. Congratulations to both Kuili and Neely.

Council voted to increase dues in 2008 to \$30.00, *but only for those members who request a printed Newsletter, sent by post.* Dues for members who agree to download the newsletter directly from the TSOP webpage will remain the same. Members who download the newsletter will get an email containing the direct link to the newsletter on the TSOP webpage, so rest assured that you will not miss an issue. This increase was not a difficult one for Council to agree upon: \$20.00 of your \$25.00 2007 annual TSOP dues went to printing and mailing the newsletter and that is more than a Society of our size and budget can afford.

That is it for now.

I am honored to be working for you and the Society.

Jingle Ruppert



Rachel Walker (Editor), Jingle Ruppert (Incoming President), Paul Hackley (Secretary), Isabel Suarez-Ruiz (Councilor)



Lavern Stasiuk (2007 Meeting Committee), Mike Avery (Treasurer), Jeff Quick (Outgoing President), Suzanne Russell (Research Committee), MaryAnn Malinconico (Outreach Committee). Photo by Colin Ward.

## Dues Changes and the Newsletter

### The Problem:

Printing and mailing the quarterly newsletter currently consumes 35% of the Society's budget. With printing and postage costs continuing to rise, the Society can no longer afford to cover the cost of the printed newsletter as well as providing funding for other operating costs. Reducing the cost of printing and posting the newsletter will allow TSOP to put more money into things all members would like to see expanded, such as the Spackman Student Award and research.

### The Solution:

The Society can prepare and provide the newsletter for website download at essentially no cost. Members have been encouraged to download the newsletter from our website for some time; however, with recent rises in printing and postage expenses, two decisions were made with regards to the printed newsletter:

- One decision was made to raise the dues for those who wish to continue to receive a printed newsletter to \$30/yr (\$20/yr for students). Members who choose to download the newsletter from the website will continue to enjoy the \$25/yr rate (\$15/yr for students).
- All color will be dropped from the printed newsletter from the December 2007 issue onward to further reduce printing costs, meaning it will be entirely in black and white, including the covers.
- The **electronic newsletter** on the website will be in **full color** inside and out, as providing color in an electronic file has no costs associated with it.

**All** members will be informed by email when each issue of the newsletter becomes available for download from the website. Another advantage of the electronic newsletter is that it will always be on time, whereas the printed newsletter may be delayed due to printing lead times or postal issues.

In this age of constant worldwide communication via email and the web, it is appropriate for us as a Society to adapt to these changes, and moving to an electronic newsletter is a necessary modernization. The printed newsletter will continue to be available for now for those who wish to receive it; however in future years

to come there will most likely be a move to an electronic-only newsletter.

**Note:** Members who are paid up several years in advance don't have to make up the dues difference in order to continue to receive the printed newsletter; however I would like to encourage these members to elect to move to download only newsletters by contacting the Editor (see below).

Electronic versions of the TSOP Newsletter are available from the TSOP web site [www.tsop.org/news.htm](http://www.tsop.org/news.htm) in Adobe PDF (portable document format) format. Each issue is available in two sizes; a smaller file suitable for quick downloading and screen viewing and a higher resolution file for printing. Members are encouraged to elect to **NOT** receive the printed copy of the Newsletter in order to save paper and costs, and may do so by contacting the Editor at [rwalker@coalpetrography.com](mailto:rwalker@coalpetrography.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](mailto: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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### TSOP abstracts to be incorporated into the AAPG datapages system

Last year TSOP council approved the incorporation of TSOP abstracts into the American Association of Petroleum Geologists (AAPG) Datapages system. Once the abstracts are on-line, AAPG will pay TSOP a minimum of \$500 per year for use of the abstracts. See: [www.aapg.org/datasystems](http://www.aapg.org/datasystems) for more details.

All of the TSOP abstract and program volumes that were not already in digital format have been scanned and

forwarded to the AAPG Datapages manager for review and use on the Datapages system. TSOP Abstracts from joint meetings were not submitted to the AAPG because of the joint ownership of the published material. These include: TSOP Abstracts and Program, 1988 Symposium (A joint symposium with The American Association of Stratigraphic Palynologists), and the 2002 and 2007 Program and abstracts volume (Joint meetings with Canadian Society for Coal Science and Organic Petrology (CSCOP), International Committee for Coal and Organic Petrology (ICCP), and the European Association of Organic Geochemists (EAOG).

TSOP will distribute copies of the complete set of abstracts (1984-2007) to the membership in the December 2007 Newsletter. A few field trip guidebooks and the 1989 TSOP Fluorescence Workshop notes will be included on the CD-Rom provided to membership. In addition, the complete set of digital abstracts has been provided to the American Geological Institute for incorporation into their GeoRef system.

\* \* \* \* \*

### **TSOP Research Committee Report September 2007 (Suzanne Russell)**

#### **William Spackman Award**

There were three applicants for the Spackman Award for 2007, two PhD students and one Master's candidate. The students' Universities and thesis topics are shown below:

- 1) PhD student attending the University of New South Wales, Sydney; topic: Geological Controls on Coal Seam Gas Distribution in the Hunter Coalfield - the Significance of Natural Analogues for CO<sub>2</sub> sequestration.
- 2) Masters student attending the National University of Columbia, Medellín; topic: Organic Petrography of Lithotype Associations in Coal Seams of the Amagá Formation and Its Evaluation in the Pyrolysis and Activation Process and as Hydrocarbons Source Rock.
- 3) PhD student attending the University of Kentucky, Lexington; topic: Petrography and Geochemistry of Contact Metamorphosed Coals: Implications for the Release of <sup>12</sup>C-enriched Methane.

The reviewers for the Spackman Award this year were Thomas Demchuk (ConocoPhillips), Maria

Mastalerz (Indiana Geological Survey/University of Indiana) and Gary Mitchell (Coal & Organic Petrology Labs, The Pennsylvania State University). The time and effort of the reviewers in assessing the applications is greatly appreciated. Without their contribution the award would not be possible. All applicants were invited to receive a year's free student membership in TSOP.

**Lois Yoksoulian**, PhD candidate at the University of Kentucky, is the Spackman awardee for 2007. Lois attended the TSOP meeting in Victoria and received a certificate and check in the amount of \$1000 US at the TSOP Business Lunch. A summary of Lois' winning research is available on page 7.

\*

#### **Research Subcommittees**

There are presently two active research subcommittees. An update from each was received this month.

*Dispersed Organic Matter Classification Working Group Subcommittee (Jack Burgess, Vern Stasiuk and Carolyn Thompson-Rizer):*

The Atlas is still in progress. Final photographs are being taken with the naming and labeling of the macerals. Hamed Sanei and Julito Reyes (both from the Geological Survey of Canada) are now assisting in seeing the DOM CD through to completion.

*Coalbed Gas in Low Rank Coals Subcommittee (Peter Warwick and Maria Mastalerz):*

A draft of an ASTM Standard Practice for Determination of Gas Content of Coal-Direct Desorption Method will be under peer review shortly. Once reviewed, the Practice will be published in the annual ASTM Book of Standards under the jurisdiction of Subcommittee D05.21 on Methods of Analysis. A short description of the Practice is given below. It is from the ASTM website for WK8750 "New Standard Practice for Determination of Gas Content of Coal-Direct Desorption Method":

"The proposed Practice describes methods for the determination of the gas content of coal by desorption, using samples obtained by surface drilling and from underground. It sets out guidelines for the equipment construction, sample preparation and testing procedure, and method of calculation. Natural gas from unconventional sources, such as from coal beds (coal

bed methane), has become a common target for exploration in recent years. Coal gas demand continues to grow and is expected to provide about 10 percent of US production in coming years. There are no commonly accepted guides, practices or standards available that describe current procedures used to determine the gas content of coal in North America. Gas content is the most important factor needed to determine the resource potential of a particular deposit. The proposed ASTM Practice will be used by government, industry, and research laboratories to establish procedures for equipment construction, sample preparation and testing procedure, and method of calculation."

\* \* \* \* \*

## 2007 Spackman Award Winner

**Lois Yoksoulian**

PhD Candidate, University of Kentucky

### Statement of problem and scientific significance

Petrographic and geochemical alteration of intruded coal has been documented worldwide. Increased vitrinite reflectance ( $R_o$ ) has been observed within a distance equal to 1-2x intrusion thickness and evidence for the generation of volatiles ( $CH_4$ ) from contact metamorphosed coals has been recognized. For example, carbon isotopic evidence suggests loss of  $^{12}C$ -enriched methane in the intruded coals of the Raton Basin (USA). Importantly, recent papers have proposed that negative carbon isotope excursions associated with oceanic anoxic events (OAE) may have been initiated by the release of isotopically light thermogenic methane into the atmosphere associated with large-scale intrusions of organic-rich rocks and coals.

### Hypothesis

The hypothesis to be tested is that if significant thermogenic methane ( $^{12}C$ -enriched) is released from intruded organic-rich rocks, then the residual material should be  $^{12}C$ -depleted. In addition, for the release of volatile to have altered atmospheric isotopic composition, the amount of isotopically-depleted methane released would have to have been substantial. In addition to changes in isotopic composition, it should be predicted that  $R_o$  will increase as the intrusion is approached, volatile matter will decrease, and coked material, mosaic structures, and pyrolytic carbon may be observed along the coal/intrusion margins.

In order to fully interpret the isotopic composition of these rocks, it is essential to evaluate both the rank of the organic-rich rocks at the time of intrusion and

subsequent thermal history. This is important because if the organic-rich rocks were low in rank at the time of intrusion and have undergone fairly intense regional alteration due to high geothermal gradients, the initial effects of intrusion may have been masked. Conversely, if the organic-rich rocks were already high rank when intruded, any additional alteration may have been minimal. An additional possibility may be that the temperatures of intrusion were not high enough to cause significant alteration. All of these scenarios have implications relative to the timing and volume of isotopically light gases released due to intrusion.

### Research plan

The proposed research plan includes examination of several occurrences of thermally altered intruded coals including the Springfield (No. 5) coal in southern Illinois, Illinois Basin, USA; the Mangus and Suban seams, South Sumatra Basin, Indonesia; the Highveld Coalfield, northeastern Karoo Basin, South Africa; and the Raton Basin, south eastern Colorado, USA. Representative samples from the Illinois Basin, the South Sumatra Basin, and the Karoo Basin have been obtained; samples from the Raton Basin will be collected during late spring 2008. Additional examples may also be included, subject to availability. Samples have been or will be collected along transects from coal/intrusion margins to a distance beyond 1-2x intrusion thickness to include samples that are outside the contact aureole. Analyses will include isotopic ratio mass spectrometry, proximate and ultimate analyses, and petrographic analyses including  $R_o$  and quantitative petrography. Additional chemical analyses of C, H, and N for rank assessment and micro-imaging using electron microprobe analysis is planned. Density-gradient centrifugation (DGC) will be performed on all suites to acquire maceral-specific isotopic analyses. Burial history analysis will also be performed.

### Application and significance of organic petrology to this project

Isotope geochemistry will be a key component in this research, but interpretation of the isotopic data will require detailed organic petrography. Organic petrography will be used to determine changes in coal rank approaching the intrusions, petrographic composition (which can influence bulk isotopic composition), formation of pyrolytic carbon (which may represent trapped isotopically light volatile matter), and to help evaluate coal rank at the time of intrusion. Techniques standard to the study of organic petrology such as  $R_o$  and petrographic analysis will be critical in

solving the questions posed in this project.

### Current status of project

Isotope analyses for three sample suites have been completed, and indicate that  $\delta^{13}\text{C}$  becomes slightly heavier toward the contacts. Petrographic data, including  $R_o$  analyses and point counts, for samples from the Illinois, Karoo, and South Sumatra basins indicate the presence of coked material, optical anisotropy of coked vitrinite, and possible pyrolytic carbon along coal/intrusion margins in all three sample suites.  $R_o$  analyses indicate that values increase as the intrusion is approached in all three sample suites. In the South African suite, petrography appears to confirm chemical findings, i.e., anomalously negative  $\delta^{13}\text{C}$  values and low volatile content correspond with maceral composition (high inertinite content). Results of ultimate and proximate analyses for the three sites, along with results from coulometry to determine total inorganic carbon, are currently being evaluated.

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### Call for Research Subcommittees

After being active for several years the two research subcommittees sponsored by TSOP are nearing completion of products resulting from their efforts (see the Research Committee report elsewhere in this newsletter). The Research Committee is therefore calling for proposals for new subcommittees. Sponsorship by TSOP of a research proposal has advantages. Among them are the following: 1) having an international network of colleagues to consult and assist 2) the potential to receive grants from TSOP of up to \$1000 US per year to pursue the research and 3) the prestige of having one's project officially sponsored by an international scientific society.

### Starting a Research Sub-committee

Starting a Research subcommittee is a straightforward process. New subcommittees may be initiated at any time. A proposal is submitted to the Research Committee Chairman using the form provided in this newsletter. With the endorsement of the Research Committee Chairman, the proposal is submitted to Council for approval at their mid-year or annual meetings. Monetary grants (\$1000 US per year) are available through Council to pursue subcommittee activities. A subcommittee chairman will be nominated by the Research Committee Chairman (generally the principle investigator) and approved by Council. A

subcommittee is discontinued when there has been no activity for two years. There is presently no limit on the number of years a subcommittee may exist as long as there is progress on the research.

To receive a copy of the Proposal Form for TSOP Sponsored Research Subcommittees, please email Suzanne Russell at [sjruss@sbcglobal.net](mailto:sjruss@sbcglobal.net)

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### John Castaño Honorary Membership Award 2007 Dr Kuili Jin



Outgoing TSOP President Jeff Quick shakes hands with 2007 Castaño Award winner, Dr Jin Kuili

Professor Jin Kuili was awarded The Society for Organic Petrology's 2007 John Castaño Honorary Membership Award, our societies' highest honor in recognition of his profound influence on the field of organic petrology. He was chosen for both his scientific achievements and dedication to geology and organic petrology both within China and on the international stage. A full laudation and response for Dr Jin Kuili will follow in the December issue.

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### Student Award Winners

Two student paper awards were presented during the meeting to Sarah Hawkins for her talk titled "*Fossil charcoal in Devonian-Mississippian shales: Implications for the expansion of land plants, paleoatmospheric oxygen levels and organic-rich black shale accumulation*" and to Lois Yoksoulian for her poster titled "*Petrography and geochemistry of contact metamorphosed coals of the Illinois and South Sumatra*



*Basins: Implications for the release of <sup>12</sup>C-enriched methane”.*



Best Student Paper Winners Sarah Hawkins (left) and Lois Yoksoulian (right) with award presenter MaryAnn Malinconico (center)

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### A Selection of Meeting Photos



Dr. Fariborz Goodarzi giving closing remarks at the special symposium honoring his work held on Thursday 23<sup>rd</sup> August. (Photo by Colin Ward)



Castaño Award winners Dr Jin Kuili (2007, on left) and Dr Neely Bostick (2006, on right).



Conference Dinner at Church and State Winery (Photo by Colin Ward)



Dr Jack Crelling receiving the Thiessen Medal at the ICCP Meeting. Details of the award will be included in the December issue of the newsletter. (Photo by Colin Ward)

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

The ICCP-TSOP Joint Meeting in 2008 (60th Annual Meeting of The International Committee for Coal and Organic Petrology – ICCP, and the 25th Annual Meeting of the Society for Organic Petrology – TSOP) will be held at the Auditorium Prince Philip, in Oviedo (Spain) on September 21-27. This Meeting is organized by the Instituto Nacional del Carbón (INCAR-CSIC, [www.incar.csic.es](http://www.incar.csic.es))

1- **Key Conference Themes** will include:

- **Advances in Organic Petrology and Organic Geochemistry**
- **Applied Organic Petrology to Coal utilization and coal by-products.**
- **Organic Petrology in the context of Clean Coal Technologies**
- **Organic Petrology and Environment**

2- **Call for Papers:** Submit Abstracts for Technical Oral and Poster Presentations by **April 15, 2008** via Email to:

Dr. Isabel Suarez-Ruiz.  
Email: [isruiz@incar.csic.es](mailto:isruiz@incar.csic.es)

Address:  
Instituto Nacional del Carbon (INCAR-CSIC)  
Francisco Pintado Fe, 26  
33011-Oviedo. SPAIN

Phone: +34985119090 / +34985118981  
Fax: +34985297662

Abstracts must be 250-300 words maximum, sent as Microsoft Word or Text files. Figures, Tables, or special formatting are not required. In the e-mail indicate whether an Oral or Poster presentation is preferred.

After review and notification of acceptance, authors will also be invited to submit their papers for a special issue of the International Journal of Coal Geology.

3- **Registration, Conference Dinner and Field Trip Fees:**

Full Registration includes the participation in both ICCP and TSOP sessions, the ice-breaker party, Business Luncheon and Meet the TSOP Council Event, and coffee breaks.

Registration:

Delegate members : 160 Euro.  
Non- members: 200 Euro  
Meeting Students: 60 Euro  
Meeting Guests: 85 Euro

Conference Dinner: 50 Euro

Field Trip to the Asturian Jurassic Formations: 60 Euro

(All fees must be paid **in cash** at the meeting upon registration)

By October 2007, additional information about the ICCP-TSOP Joint Meeting will be available at:

ICCP website: [www.iccop.org](http://www.iccop.org)

TSOP website: [www.iccop.org](http://www.iccop.org)

INCAR website: [www.incar.csic.es](http://www.incar.csic.es)

#### 4- **Meeting Venue**

Oviedo is the capital of the Asturias Principality (North Spain) and is the administrative and commercial centre of the region. Its history can be traced back over 12 centuries. Oviedo is one of the most outstanding cities in Spain, successfully contrasting the modern features and services with its many corners just brimming with history, which are there to be enjoyed by one and all.

Oviedo is also characterized by its rich architecture reflected in its Cathedral, Churches, Town Hall, etc. Some of the Oviedo Monuments were declared UNESCO World Heritage since 1985.

More information about Oviedo available at the Website: [www.ayto-oviedo.es/en/theCity/theCity.php](http://www.ayto-oviedo.es/en/theCity/theCity.php)

The Joint Meeting will be at the Auditorium Prince Philip in Oviedo: A modern building with a neoclassical style erected upon the foundations of old water deposits, whose unique stone structure can be appreciated in various places throughout the edifice.

More information about the meeting venue center available at the Website:

[www.ayto-oviedo.es/en/areas/culture/princePhilipAuditorium/princePhilipAuditorium.php](http://www.ayto-oviedo.es/en/areas/culture/princePhilipAuditorium/princePhilipAuditorium.php)

#### 5- **Accommodation**

A series of hotels from 2 to 5 stars are recommended. These hotels are located in Oviedo downtown close to the Conference venue that may be reached by walking. Delegates must make their own reservations.

**Hotel Ramiro I** (4 stars): 83 € (single room)- 127 (double room) € plus 7% taxes.

Calvo Sotelo, 13. Oviedo

Phone: +34985232850 /+34902303555

Website: [www.hotelramiro.com/](http://www.hotelramiro.com/).

**Hotel Fruela** (3 stars): 80 € - 150 € plus 7% taxes

Fruela, 3. Oviedo

Phone: +34985208120

Website: [www.hotelfruela.com](http://www.hotelfruela.com)

**Hotel NH Principado** (3 stars): 131 € - 175 € plus 7% taxes

San Francisco, 6. Oviedo

Phone: +34985217792

Website: [www.nh-hotels.com/](http://www.nh-hotels.com/)

**Hotel Occidental de La Reconquista** (5 stars): 175€ - 220€ plus 7% taxes

Gil de Jaz, 16. Oviedo.

Phone: +34985241100

Website: [www.hoteldelareconquista.com/](http://www.hoteldelareconquista.com/)

**Hotel Santa Clara** (2 stars): 50 € - 85€ plus 7% taxes

Santa Clara, 1. Oviedo

Phone: +34985222727, Website: [www.hscoviedo.com/](http://www.hscoviedo.com/)

**Hostal Romero** (2 stars): 36 € - 54 € plus 7% taxes

Uria 36-38, 2°. Oviedo.

Phone: +34985227591

Website: [www.hostalromero.net/](http://www.hostalromero.net/)

Email: [hostalromero@telecable.es](mailto:hostalromero@telecable.es)

Accommodation inquiries:

Begoña Ruiz Bobes ([begorb@incar.csic.es](mailto:begorb@incar.csic.es))

Jose Ramón Montes Sánchez ([joseramon@incar.csic.es](mailto:joseramon@incar.csic.es))

**For more information and general inquiries about the Joint Meeting:**

Isabel Suarez-Ruiz

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phone: +34985119090 / +34985118981

Fax: +34985297662

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**Historic churches around Oviedo (photos provided by Isabel Suarez-Ruiz).**



Santa Maria del Naranco (IX Century)

San Miguel de Lillo (IX Century)



## Joint ICCP-TSOP Meeting, September 21-27 (Sunday-Saturday) 2008. Oviedo (Spain)

Instituto Nacional del Carbón (INCAR - CSIC)

### MEETING SCHEDULE

Time	Sunday September 21	Monday September 22	Tuesday September 23	Wednesday September 24	Thursday September 25	Friday September 26	Saturday September 27
8:30 - 9:00		Registration	Registration		ICCP		
9:00 - 9:30			ICCP		P.I. Session	TSOP	
9:30 - 10:00	Council Meeting	Welcome & ICCP General Assembly	Commission Meeting	ICCP Commission Meeting	Joint Scientific Session	Technical Session	
10:00 - 10:30					ICCP-TSOP		
10:30 - 11:00	ICCP				TSOP Technical Session		
11:00 - 11:30					Business Luncheon and Meet the TSOP Council Event	Lunch break	
11:30 - 12:00							
12:30 - 13:00							
13:30 - 14:00							
14:00 - 14:30	Lunch break	Lunch break	Lunch break	Lunch break			
14:30 - 15:00							
15:00 - 15:30							
15:30 - 16:00	Council Meeting ICCP	ICCP	ICCP	ICCP		TSOP Technical Session	
16:00 - 16:30							
16:30 - 17:00		Commission Meeting	Commission Meeting	Commission Meeting Plenary Session		Poster Session	
17:00 - 17:30							
17:30 - 18:00							
18:00 - 18:30	Registration & Ice-Breaker Party						
18:30 - 19:00							
19:00 - 19:30							
19:30 - 20:00			Council Meeting ICCP	Council Meeting TSOP			
20:00 - 20:30							
20:30 - 21:00							
21:00 - 21:30							
21:30 - 22:00							
22:00 - 22:30							
22:30 - 23:00							
23:00 - 23:30							
23:30 - 24:00							
						Evening Conference Dinner	

## Geological Society of America Annual Meeting & Exposition

28-31 October 2007, Denver, Colorado  
USA

Including discipline areas such as Coal Geology, Organic Geochemistry, Experimental Petrology and Forensic Geology, the 2007 Annual Meeting of GSA is a must see. Check out two additions to the already successful Mentor Program: Women in Geology and Geology in Industry. Avail yourself of over 3300 speakers, 31 technical field trips, four Hot Topics sessions, 14 Short Courses, and much much more.

Find more information at the website:  
[www.geosociety.org/meetings/2007](http://www.geosociety.org/meetings/2007)

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## North American Coalbed Methane Forum Fall Session

October 30-31, 2007, West Virginia, USA

The North American Coalbed Methane Forum, Inc. will hold its Fall Session on October 30-31, 2007 at the Lakeview Conference Center, near Morgantown, West Virginia. For further information, please contact:

Ihor Havryluk  
Ph: 412-445-5803  
[havryluk@zoominternet.net](mailto:havryluk@zoominternet.net)

Dr. Kashi Aminian  
Ph: 304-293-7682 (extension 3406)  
[kashayar.aminian@mail.wvu.edu](mailto:kashayar.aminian@mail.wvu.edu)

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## 9<sup>th</sup> Annual Unconventional Gas Conference

November 14-16, 2007, Calgary, Canada

Declining conventional gas production in Canada and the USA, coupled with a continued

growth in demand for natural gas has resulted in a major shift in energy supply towards unconventional gas sources. Keynote speakers will address big picture questions such as 'Why do we need unconventional gas on a global scale? How important will the development of unconventional gas be to the economy? Cutting edge technical sessions and industry exhibitors will make this a must-attend event for those involved in unconventional gas resources. [www.csug.ca](http://www.csug.ca)

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## 8<sup>th</sup> European Meeting on Environmental Chemistry

December 5-8, 2007, Inverness, Scotland

The 8th European Meeting on Environmental Chemistry (EMEC8) is to be held on 5 - 8 December 2007 in Inverness, Scotland. EMEC8 will provide a forum for exchange of ideas on recent advances in research and development in environmental chemistry and technology. The main topics of interest include (but are not limited to):

- Atmospheric chemistry
- Pollutant chemistry
- Aquatic and marine chemistry
- Emerging contaminants
- Soil chemistry
- Analytical methods for environmental science
- Soil – water – atmospheric systems
- Clean technologies and green chemistry
- Biogeochemical cycling
- Waste treatment and management
- Ecotoxicology
- Water treatment and reuse

For full information about the conference please visit the EMEC website at <http://emec8.uhi.ac.uk>

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## Calendar of Events

### 2007

**October 28 - 31, 2007:** Geological Society of America Annual Meeting: Earth Sciences for Society— Beginning of the International Year of Planet Earth. Denver, Colorado, USA.

[www.geosociety.org/meetings/2007/](http://www.geosociety.org/meetings/2007/)

**November 14 - 16, 2007:** 9th Annual Unconventional Gas Conference, Telus Convention Centre, Calgary, AB. [www.csug.ca](http://www.csug.ca)

**December 5 - 8, 2007:** 8<sup>th</sup> European Meeting on Environmental Chemistry, Inverness, Scotland.

<http://emec8.uhi.ac.uk>

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### 2008

**April 6 - 10, 2008:** American Chemical Society national meeting, New Orleans, Louisiana, USA.

[www.chemistry.org](http://www.chemistry.org)

**April 13 - 18, 2008:** European Geosciences Union General Assembly 2008, Vienna, Austria.

**April 20 - 23, 2008:** AAPG Annual Convention and Exhibition, San Antonio, Texas, USA.

[www.aapg.org/sanantonio/](http://www.aapg.org/sanantonio/)

**May 18 - 23, 2008:** 18<sup>th</sup> International Symposium on Analytical and Applied Pyrolysis (PYR08) Lanzarote, Canary Islands, Spain. [www.pyr08.org](http://www.pyr08.org)

**July 13 - 18, 2008:** American Carbon Society Carbon 2008 Conference, Nagano, Japan.

[www.americancarbonsociety.org](http://www.americancarbonsociety.org)

**August 17 - 21, 2008:** American Chemical Society national meeting, Philadelphia, Pennsylvania, USA.

[www.chemistry.org](http://www.chemistry.org)

**August 30 - September 6, 2008:** American Association of Stratigraphic Palynologists (AASP), Bonn, Germany. [www.palynology.org](http://www.palynology.org)

**September 22 - 28, 2008:** TSOP and ICCP Annual Meeting, Oviedo, Spain.

**October 5 - 8, 2008:** Geological Society of America Annual Meeting, Houston, Texas. Celebrating the International Year of Planet Earth!

[www.geosociety.org/meetings/](http://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](mailto:rwalker@coalpetrography.com)

### 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](mailto:rwalker@coalpetrography.com)

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Fluffy bunnies at the University of Victoria campus provided amusement for conference attendees. Often dozens of rabbits were spotted at a time.

**2007 Victoria TSOP Meeting Field Trip on Vancouver Island.**



Glacial striations in migmatites at Finlayson Point on the Victorian coast. (Photo by Colin Ward)



Malahat Lookout, overlooking Saanich Inlet and Salt Spring Island. (Photo by Colin Ward)



Learning about the First Nations people at the Quw'utsun Cultural Center. (Photo by Paul Hackley)

Visiting the lovely Butchart Gardens. (Photo by Paul Hackley)

