

PETROLEUM GEOLOGISCHE KRING



KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOUWKUNDIG GENOOTSCHAP **PGK**

President:	Martin Wilpshaar	070-3583076	martin.wilpshaar@wintershall.com
Vice-president:	Herman Darman	070-4472585	herman.darman@shell.com
Excursions:	Douwe van Leverink	030-2564832	douwe.vanleverink@tno.nl
Webmaster:	Adriaan Janszen	015-278 2576	a.janszen@tudelft.nl
Secretary:	Wieske Paulissen p/a TU Delft Afdeling Geotechnologie Stevinweg 1 2628 CN Delft Phone: 015-278 2576 E-mail: w.e.paulissen@tudelft.nl	Treasurer: Phone: E-mail:	Nabil Chaouch p/a PanTerra Geoconsultants B.V. Weversbaan 1-3 2352 BZ Leiderdorp tel. 071-581 3505 n.chaouch@panterra.nl
Venue:	PGK's monthly meetings are held at the KIVI building, Prinsessegracht 23, Den Haag. Drinks are served from 17:00 hrs; the lecture starts at 18:00hrs.		www.pgknet.nl
Membership:	Apply for membership by contacting the secretariat. The annual fee is €15.-		
Accounts:	Fortis Bank: 88.65.82.733 (PGK, Den Haag)		

FEBRUARY 2009 NEWSLETTER

18 FEBRUARY:

The next PGK meeting will be on **Wednesday, February 18, 2009**. The programme will be as follows:

17:00-18:00 hrs: Social hour

18:00-18:30 hrs: **Annual General Meeting**

President's summary by Herman Darman

PGK-excursion summary by Douwe van Leverink

Treasury summary by Nabil Chaouch

Installation of the new board

18:30-19:00 hrs: Lecture by Stephe Ehrenberg on '**A global view of petroleum reservoir porosity and permeability: conjuring useful trends out of chaos**'

19:30 hrs: Annual Dinner at Babbilage

ANNUAL DINNER

After the meeting, attendants are cordially invited to attend the Annual Dinner at the Restaurant the Babbilage, The Hague, from 19:30 hrs onwards (www.babbilage.nl).

Registration should be done by sending an e-mail to douwe.vanleverink@tno.nl. For payment we are asking you to transfer €25,- to our bankaccount (Fortis Bank 88.65.82.733, PGK Den Haag) **by Friday the 13th**. After this date the price of the dinner will be €30,- which can be paid at the evening of the dinner.



PETROLEUM GEOLOGISCHE KRING

KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOUWKUNDIG GENOOTSCHAP PGK

MARCH MEETING

The March meeting will be held on **Wednesday March 18, 2009** with a lecture on ‘**Tectonics and sedimentation on clastics systems**’ by Stefan Back, Aachen University.

MEMBERSHIP FEE 2009

Please be reminded to pay your PGK contribution for 2009 by transferring **€15,-** to our bankaccount stating your name and year 2009:

88.65.82.733, PGK Den Haag (Fortis Bank)

SPE CONTINUING EDUCATION EVENT

On February 11, the SPE Netherlands Section organises a full-day course at the KIVI building on ‘**Principles and Application of Petroleum System Analysis**’. For more information please go to: <http://netherlands.spe.org/section.cfm?id=51>

NEW MEMBERS

Applications for membership have been received from Raphael Nguitukule Menga (ARGO Wintershall), Bert van Bommelen and Frank Pardoel (Shell), Michiel van Dijk (LMA), Arno Versteeg (student FALW VU), Svetlana Patratiy and E. Reijntjes (Fugro Data Solutions). If no objections are received prior to or during the next meeting, he/she will be automatically admitted as member of our society.

PETROLEUM GEOLOGISCHE KRING



KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOUWKUNDIG GENOOTSCHAP **PGK**

Monthly meeting: Wednesday 21 January 2009
Address: KiVi, The Hague
Social hour: Between 17:00 and 18:00 hrs
Lecture: 18:00-19:00
Title: "A global view of petroleum reservoir porosity and permeability: conjuring useful trends out of chaos."

By Steve Ehrenberg

Evaluation of the petroleum potential in a frontier area involves making assumptions about the reservoir rocks that may be present, and one aspect of such risk evaluation is the estimation of porosity and permeability. Evaluation of the remaining petroleum potential of a mature area also involves assumptions about reservoir poroperm, and these can also benefit from knowledge about empirical limits, trends and controlling processes. This talk presents some results from a tool that provides such information.

Average porosity and permeability values for the producing zones of oil and gas fields worldwide show extreme ranges of variation ("chaos"), reflecting the wide ranges in depositional facies, early diagenetic histories, geothermal gradients, and degrees of uplift from previous maximum burial that exist in the Earth's petroleum reservoirs. Nevertheless, overall trends of porosity-depth and porosity-permeability can be defined as probability functions useful for risk evaluation and modelling.

Subsets of the data can be examined for clues to the processes controlling reservoir quality in specific petroleum provinces, as illustrated by examples for Middle East carbonates and offshore Gulf of Mexico sandstones. The main practical benefit of these results is improved understanding of the limits on occurrence of pore space within the Earth's petroleum reservoirs, a resource that can now be examined at global scale in addition to the more familiar scales of country, play, reservoir, bed and thin section.

Please post this page on your company's notice board. Members may be accompanied by guests!

Thanks to our sponsors:

*/ Argo Geological Consultants / dGB EarthSciences / DSM Energie /
/ EBN / ENRES International / Fugro Robertson /
/ GDF - Suez / Hansa Hydrocarbons / Taqa Energy B.V. /
/ Horizon Energy Partners / IHS Energy / Landmark /
/ TNO Bouw en Ondergrond / Oranje Nassau Energie /
/ PanTerra Geoconsultants / Petro-Canada Netherlands /
/ Shell Exploration and Production / Dyas /
/ Terra Incognita Geoconsultancy and Geobooks / Total E&P Nederland / TU Delft /
/ Chevron Exploration and Production - Netherlands / Wintershall Noordzee /*



ANNOUNCEMENTS (FROM OUR SPONSORS)

Two vacancies at Fugro Robertson BV

For our Reservoir Geology and Sedimentology Unit in Fugro Robertson BV we seek two highly motivated geologists with a strong sedimentological background. The two vacancies are:

1. Junior Geologist

The Junior Geologist is expected to work under supervision of the project manager on majorly sedimentological, stratigraphical and drainage network analysis projects. These projects involve geomorphological/denudation analysis and terrain modelling, core descriptions and integrated (multi-) well-log interpretation studies, including petrographical and petrophysical analyses.

As a Junior Geologist you will be self-motivated and a good team worker. Above all you will have an exploration mind set with good scientific curiosity and commercial awareness. Required qualifications: MSc degree in Earth Sciences and up to 2 years industry experience.

2. Project Manager Geologist

The Project Manager Geologist will report directly to the Unit Manager and will supervise Junior Geologists and liaise with clients. He/she will be responsible for the technical content and quality of projects and will be expected to contribute to marketing activities. As such, this position will involve some travel to clients, offices and other locations worldwide. The technical work will embrace the same or similar projects to that of the Junior Geologist position.

As Project Manager Geologist you will display a high degree of self-motivation and will be an excellent team worker. Above all you have an exploration mind set with a scientific background and good, up-to-date commercial awareness. Previous experience in project management and supervisory roles is also required.

Required qualifications: MSc or PhD degree in Earth Sciences and 3-5 years industry experience.

Both positions will offer a competitive salary and additional package consisting of a contributory pension scheme, an annual pay review with both inflationary and merit/promotion based components plus a complete public transport allowance.

More information can be found at www.fugro.com

Interested candidates should apply by sending CV and covering letter along with two recent references to:

Fugro Robertson BV,
Veurse Achterweg 10 PO Box 141,
2264 AC Leidschendam,
The Netherlands
for the attention of Drs. P.S. van Heiningen and Dr. P. Clarke.

