

PETROLEUM GEOLOGISCHE KRING



KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOWKUNDIG GENOOTSCHAP **PGK**

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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 18:00 hrs.	www.pgknet.nl	
Membership:	Apply for membership by contacting the secretariat. The annual fee is 15.- Euros.		
Accounts:	Fortis Bank: 88 65 82 733 (PGK, Den Haag)	Postbank: 4074482 (PGK, Den Haag)	

DECEMBER 2004 NEWSLETTER

15 DECEMBER: MONTHLY MEETING

The upcoming PGK meeting will be on **Wednesday, December 15th, 2004**. As usual, social hour (free drinks) will be served between 17:00 and 18:00 hrs. The lecture will be given by **Prof. Dr. Stefan M. Luthi (Delft University of Technology)** on:

**“A virtual field trip to the Tanqua-Karoo deepwater deposits
(and the ten lessons learned from an analogue outcrop study)”**

Please see other side of this newsletter for the lecture abstract.

The annual ‘Christmas buffet’ will follow the lecture. This year’s cuisine will be a genuine South African style buffet, to match the topic of the December lecture. Members are cordially invited to join for free. The fee for non PGK members is € 20,- (to be paid cash at the meeting). **IF YOU WISH TO ATTEND THE BUFFET, ***PLEASE REGISTER***** with the secretary **BEFORE FRIDAY 10TH DECEMBER:** secretary@pgknet.nl, or 070-3124971, to have your piece of “potdeurmekaar”, “struisvogelstue”, “begrafnisrijst” and much much more !!

The event sponsor of the December meeting of the PGK is Shell Nederland BV



JANUARY MEETING:

On 19 January 2005 **Huw Edwards (PGS Reservoir)** will give a lecture with the title: **“Interpretation of the North West Europe - Mega Surveys”**. A comprehensive abstract is already available from our website, and will be presented in the January Newsletter.

NEW MEMBERS:

Applications for memberships have been received from Neil Frewin (Shell Exploration and Production), Jan Roelofsen (IHS Energy), Wessel van Kersteren (Fugro Robertson) and Ivar de Josselin de Jong (Geo-resources). If no objections are received prior to or during the next meeting, they are automatically admitted as members of our society.

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KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOUWKUNDIG GENOOTSCHAP **PGK**

Monthly meeting: Wednesday 15 December 2004
Address: KIVI building, Prinsessegracht 23, Den Haag
Social hour: (free drinks) between 17:00 and 18:00 hrs
Lecture: at 18:00hrs

“A virtual field trip to the Tanqua-Karoo deepwater deposits (and the ten lessons learned from an analogue outcrop study)”

Prof. Dr. Stefan M. Luthi, Delft University of Technology

ABSTRACT - Our department has participated in a large analogue study of one of the best outcrop exposures of basin-floor fans, the Permian Skoorsteenberg Formation in the Tanqua-Karoo Basin, South Africa. This EU-sponsored project had as its goal to better understand the architecture and growth mechanisms of these fans, in order to improve the development strategies of oil fields in similar settings. We employed digital geological techniques to record the three-dimensional geometries and lithofacies of the four fan units. All in all over fifty man-months of fieldwork were performed. Seven boreholes were drilled at strategic locations to complement the outcrop data; they were fully cored with over 1200 meters of core recovered, and complete state-of-the-art logging suites were acquired in them. The data were integrated into a model that contains a detailed spatial distribution of lithofacies from which the dynamics of these basin floor deposits could be deduced. In this talk I will outline the major findings of our research project, and I will discuss some lessons of Dos and Dons we learned that might be useful for future analogue outcrop studies. I will hopefully also be able to convince the audience that a visit to this field area is a must for anyone with any combination of interests in sedimentology, zoology, botany, or gastronomy.

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

Thanks to our sponsors:

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ANOUNCEMENT

Thursday 9 December 2004: **RAK/CIEP SYMPOSIUM**
FOSSIL FUELS: RESERVES AND ALTERNATIVES – A SCIENTIFIC APPROACH

Royal Netherlands Academy of Arts and Sciences (KNAW)
'Het Trippenhuys', Kloveniersburgwal 29, Amsterdam
Organised by the Royal Netherlands Academy of Arts and Sciences, Earth and Climate Council (RAK)
and the Clingendael International Energy Programme (CIEP)

For more information, please refer to <http://www.knaw.nl> and <http://www.clingendael.nl/ciep>