

# PETROLEUM GEOLOGISCHE KRING



KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOUWKUNDIG GENOOTSCHAP **PGK**

<b>President:</b>	Wiekert Visser	06 -209 57120	<a href="mailto:w.visser@xs4all.nl">w.visser@xs4all.nl</a>
<b>Vice-president:</b>	Rick Donselaar	015-278 5108	<a href="mailto:m.e.donselaar@citg.tudelft.nl">m.e.donselaar@citg.tudelft.nl</a>
<b>Excursions:</b>	Harmen Mijnlief	030-256 4514	<a href="mailto:h.mijnlief@nitg.tno.nl">h.mijnlief@nitg.tno.nl</a>
<b>Secretary:</b>	Harry Brandsen p/a Horizon Energy Partners Scheveningseweg 8 2517 KT Den Haag Phone: 070-3124971 E-mail: <a href="mailto:secretary@pgknet.nl">secretary@pgknet.nl</a>	<b>Treasurer:</b> Bastiaan Jaarsma p/a Wintershall Noordzee B.V. Eisenhowerlaan 142-146 2517 KN Den Haag Phone: tel. 070-358 3053 E-mail: <a href="mailto:Bastiaan.Jaarsma@wintershall.com">Bastiaan.Jaarsma@wintershall.com</a>	
<b>Venue:</b>	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.		<a href="http://www.pgknet.nl">www.pgknet.nl</a>
<b>Membership:</b>	Apply for membership by contacting the secretariat. The annual fee is €15.-		
<b>Accounts:</b>	Fortis Bank: 88.65.82.733 (PGK, Den Haag)	Postbank: 4074482 (PGK, Den Haag)	

## FEBRUARY 2005 NEWSLETTER

### 16 FEBRUARY: ANNUAL MEETING

The Annual Meeting will be held at the KivI building on **Wednesday 16 February, 2005** with the following time schedule:

*17:00 – 18:00 hrs:* Social hour (free drinks)

*18:00 – 18:45 hrs:* Annual Meeting

- Opening
- Secretary's report (including field trips)
- Treasurer's report
- Financial Audit Commission's report
- Installation of new board
- Any other business
- Closing.

*18:45 – 19:45 hrs:* Lecture by **Prof. Dr. Harry Doust** (VU Amsterdam), on **“21st Century Ocean Drilling – what can it mean for you?”**

*ca. 20:00 hrs:* Annual Dinner, see below for registration details).

### ANNUAL DINNER

After the meeting, attendants are cordially invited to attend the Annual Dinner at the Pakistan/Indian Restaurant Kashmir at Javastraat 67, The Hague, from 20:00 hrs onwards. Please register *before February 11th* by email ([secretary@pgknet.nl](mailto:secretary@pgknet.nl)) or ☎ 070-312 4971 (office hours). Price: €25,-/person (incl. 3 drinks). **Please pay at the evening of the dinner.**

### NEW BOAD MEMBERS

The current board proposes Neil Frewin (Shell) as excursion coordinator to succeed Harmen Mijnlief and Jon Noad (Shell) as vice-president.

### MARCH MEETING

The next meeting of the PGK will be at Wednesday 16 March 2005.

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**Monthly meeting:** Wednesday 16 February 2005  
**Address:** KIVI building, Prinsessegracht 23, Den Haag  
**Social hour:** (free drinks) between 17:00 and 18:00 hrs  
**Annual Meeting:** at 18:00 hrs  
**Lecture:** at 18:45 hrs

## “21st Century Ocean Drilling – what can it mean for you?”

Prof. Dr. Harry Doust (VU Amsterdam)  
Co-chair of the IODP Industry Liaison Panel (ILP)

**ABSTRACT** – Many of us in the petroleum exploration industry have benefited to some extent during the past decades from data acquired by the Ocean Drilling Program ODP (initially the DSDP). For some this will have been through calibration of continent margin sequences with those in the deep ocean basins, for others it might have been related to data on regional source rock or deep water sand distribution, and there are many other aspects of our work that have sent us to the library to consult the familiar thick blue leg report books.

In 2003 the ODP entered a new and substantially expanded phase of scientific ocean drilling: ODP became IODP (the Integrated Ocean Drilling Program) and a much larger community of scientists, especially including oceanographers and geoscientists from Japan and Europe, became directly involved in the organization. In addition, and crucially, the drilling platforms available to IODP were expanded to include not only the riser-less Joides Resolution (familiar from ODP times), but also a dedicated drill-ship with riser, the Chikyu (nearing completion in Japan) as well as the scope to make use of alternative commercial platforms as and when required. This means that far more scientific questions can be addressed than were possible hitherto, including many related to continent margin and petroliferous basin development. Hence there is scope for a more direct interest from industry and, so long as the questions to be answered are scientific rather than explicitly applied in nature, our participation in generating and submitting proposals is not only encouraged, it is being actively sought.

In this talk, I will review some exciting recent results of scientific ocean drilling, particularly those of interest to an industry audience – these include studies of world-wide extreme climate events that resulted in the deposition of organic-rich shales in the Mesozoic and Tertiary, the discovery of large and active microbial communities deep below the seafloor, early conclusions that can be drawn from drilling through gas hydrates, calibration of the magnitudes of eustatic sea-level changes and the results of last year’s ground-breaking drilling of the Lomonosov Ridge in the high Arctic.

I will also discuss the three themes of the IODP science plan that guide evaluation of proposals;

- the deep biosphere and the subseafloor ocean,
- environmental change, processes and effects,
- solid Earth cycles and geodynamics

...and how they may relate to themes of interest to industry. Finally, I will briefly introduce the European IODP organization (ECORD) and give some hints on how industry scientists can become involved in this wonderfully challenging international venture.

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

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