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## CARBON CAPTURE AND SEQUESTRATION

**8 March 2006**

Britannia Hotel, Bucksburn, Aberdeen

Bar Opens: 1730 Lecture Start: 1800 Supper: 1930

**Chairman: Dick Winchester, Pipistrelle**

We've all heard about the growing pressure on governments and industry to reduce carbon emissions. A lot of emphasis and effort is now going into so called "Carbon Capture and Sequestration" where Co2 is removed from gas, coal and other fuels and re-injected into oil reservoirs to act as a form of enhanced oil recovery or simply to store it for posterity.

In Scotland we're fortunate that one of the first ever projects to reform natural gas to produce hydrogen to be burnt in a new power station is taking place on our doorstep. The Co2 from that project is going to be pumped to the Miller Field and used to enhance the life of that field quite considerably.

But what does this all mean for the offshore industry and in particular the subsea world? Is this effectively a new sector that we should be taking a strong interest in? Will it provide additional perhaps long term activity beyond the life of the North Sea? What opportunities might there be coming along and what are some of the technologies involved?

Come along and find out on 8 March 2006 when we will have three eminent experts in the sector to talk about some ongoing and planned projects, how the economic opportunities might stack up and an example of the sort of new technology being developed.

**Paul Bryant, Director, Decarbonised Fuel and Sequestration, BP International**

**Prof Alex Kemp, Aberdeen University Economics Group**

**Dr Susi Olsen - Clear Process Ltd**

**TechByte Technology:**

**Steve Banks, Genesis Oil and Gas: PIMS Pipeline Inspection & Monitoring System. Deploying Guided Ultrasonics Subsea.**

**\* New members attend FREE - Please see over\***

REGISTRATION FEES: *SUT Members* **£15.00** *Non-Members* **£25.00\*** *SUT Student Members:* **£5.00**

Please complete and return to: SUT, Innovation Centre, Exploration Drive, Aberdeen Science and Energy Park, Bridge of Don, Aberdeen, AB23 8GX, Fax: 01224 820236 E.mail. michele.ross@sut.org Phone: 01224 823637

I will pay by cash  cheque  credit card  We can only invoice for multiple registrations.

Name \_\_\_\_\_ SUT Member No \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Tel No \_\_\_\_\_ Fax No \_\_\_\_\_

Email address \_\_\_\_\_

Credit Card No: VISA or MASTER CARD ONLY. No: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Exp. \_\_\_\_ / \_\_\_\_

Name on the Card \_\_\_\_\_

Billing Address if not as above \_\_\_\_\_

Amount to be debited £ \_\_\_\_\_ Signature \_\_\_\_\_

# Join the Society for Underwater Technology NOW as a Full Individual Member and you

## Can attend this evening meeting **FREE**

The charge for Full Individual Membership is £65 p.a. and payment in full must accompany this application.

To become a Full Individual Member of SUT, you must either:

- be aged over 21 years, and
- show a professional interest or experience in the field of underwater technology,
- be a graduate of a recognised university or hold a diploma from a recognised engineering institution or a qualification of comparable status in a relevant branch of science or technology

or:

- have held a post of responsibility in the field of underwater technology for not less than three years

**Note:** If you are a staff member of an organisation that is a Corporate Member of the Society you can already enjoy all the advertised discounted member rates for meetings and publications.

PLEASE PRINT APPLICATION FORM IN BLOCK CAPITALS OR TYPE

### Personal details

First name(s): \_\_\_\_\_ Surname: \_\_\_\_\_

Title:  Mr  Mrs  Ms  Dr  Other \_\_\_\_\_ Date of birth:    /    /

Mailing address\*: \_\_\_\_\_

\_\_\_\_\_ Postcode: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

\*Optional airmail surcharge for non-UK addresses (£6.00 Europe/£12.00 outside Europe—please include with subscription payment)

Academic/vocational qualifications: \_\_\_\_\_

Current employer: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ Postcode: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Current position: \_\_\_\_\_ Date of appointment:    /    /

Relevant previous employers (with dates and positions held):

\_\_\_\_\_

### Interests

- |   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> Diving             | <input type="checkbox"/> Underwater vehicles       | <input type="checkbox"/> Offshore structures         | <input type="checkbox"/> Subsea systems                |
| <input type="checkbox"/> Underwater science | <input type="checkbox"/> Underwater robotics       | <input type="checkbox"/> Offshore site investigation | <input type="checkbox"/> Environmental forces          |
| <input type="checkbox"/> Ocean resources    | <input type="checkbox"/> Marine renewable energies | <input type="checkbox"/> Education and training      | <input type="checkbox"/> Other (list) Specialising in: |

### Payment

I enclose a cheque £\_\_\_\_\_ (allowing for reductions or airmail surcharge) payable to the Society for Underwater Technology

I wish to pay by Visa/Mastercard/Switch (delete as applicable); please charge to my account

Card number: \_\_\_\_\_ Issue Number (Switch cards only): \_\_\_\_\_ / \_\_\_\_\_

Expiry date:    /       Start date:    /       Cardholder: \_\_\_\_\_

Billing address (if not as above): \_\_\_\_\_

Postcode: \_\_\_\_\_ Date:    /    /    Signed: \_\_\_\_\_

### Statement

I confirm that, to the best of my knowledge, the details given above are correct. I hereby apply for election to/transfer of membership of the Society for Underwater Technology and agree to abide by the Articles of Association of the Society.

Signed: \_\_\_\_\_ Date:    /    /

