



2009

MARELEC

7-9 July 2009 Stockholm, Sweden

The world's foremost conference
on **marine electromagnetics**

Call for Papers and Posters

Deadline 9th February 2009

Organised by:
Intelligent Exhibitions
Limited

In partnership with:

[dstl] **QinetiQ**

Hosted by:



Find out more at:

www.marelec.co.uk

Image courtesy of Statoil Hydro

Invitation to submit paper and poster abstracts

Marelec 2009 is the 6th International Marine Electromagnetics conference. It combines a world class conference with an exhibition and a poster session.

www.marelec.co.uk

The conference technical committee invites paper and poster proposals in the broad areas of marine electromagnetics concerned with theoretical development and modelling, measurement and analysis, together with case histories where appropriate. Potential applications in the marine environment include: autonomous vehicles, marine biology, underwater communications, hydrocarbon exploration, harbour protection, materials, survey, naval applications, geophysics, geotechnical engineering and oceanography.

The topics of interest outlined below are not exclusive and the session headings will be confirmed once the Committee has reviewed the balance of abstracts received.

Topics of interest include:

- **Measurement & Instrumentation**
 - Remote sensing
 - Survey
 - Oceanographic
 - Atmospheric
 - Magneto-telluric
 - Borehole
 - Small scale for pipelines or cables
- **Computational Methods**
- **Marine Electromagnetics and the search for Hydrocarbons**
- **Electromagnetic Fields**
 - Propagation
 - Scattering
 - ULF/ELF
 - IR/Lasers/Radar
 - Underwater visible band
 - AC Modelling
- **Environmental Noise**
 - Geomagnetic/Geological
 - Oceanic
 - Atmospheric
 - Anthropogenic
- **Electromagnetic Survey**
 - Shallow water
 - Sea/Seabed interface
 - Coastal effects
- **Underwater Surveillance**
 - Detection
 - Classification
 - Localisation
- **Inverse Modelling**
 - Anomaly resolution and uniqueness
 - Optimisation
 - Mathematical tools
- **Data Analysis and Presentation**
- **Hydrographic Research**
 - Electromagnetic survey

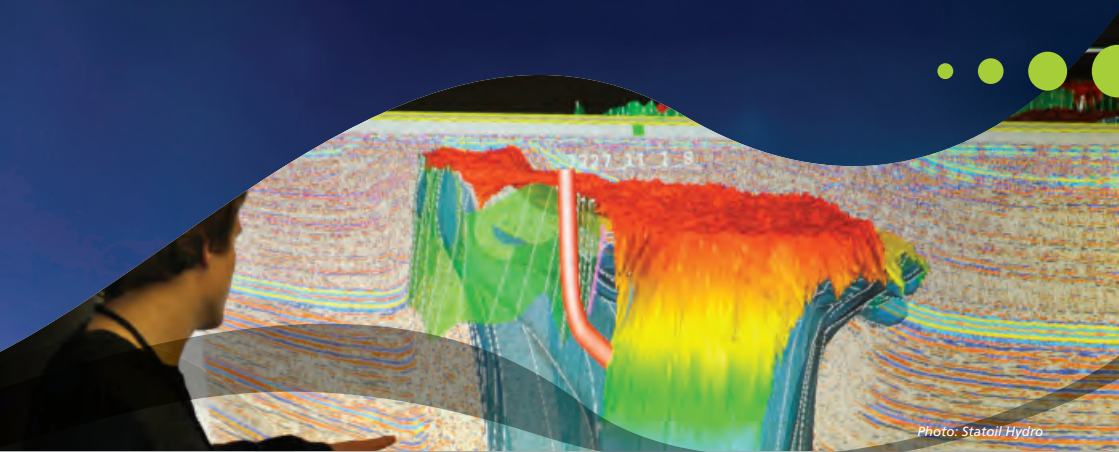


Photo: Statoil Hydro

For information email info@marelec.co.uk or phone +44 (0)844 443 9322

- **Field Computation**
 - Electrical equipment
 - Stray fields
 - Signatures
 - State-of-the-art CAD techniques
- **MHD**
 - Motional EMFS
 - Fluid boundary layer control
 - Propulsion
 - Biological EM effects
- **High Energy Applications**
 - Efficiency
- **Induced Polarisation**
- **Electric Fields**
 - Electrolytic effects
 - Corrosion
 - Fluid boundary layer
 - AC modelling
- **Electromagnetic Seismic Effects**
 - Precursors
- **All Electric Ship**
 - EMI
 - EMC
 - Health & safety
 - Environmental issues
 - Biological & health issues
- **Electric Applications**
 - Actuators
 - Electric drives

- **Geophysical Exploration**
 - Hydrocarbon
 - Hydrothermal
 - Methane hydrates
 - Oil & gas
- **New Visions**
 - New ideas/Concepts

Abstract Submission

Authors are requested to submit a written abstract with a minimum of 250 words via the website www.marelec.co.uk, clearly stating whether it is a paper and/or poster submission. The deadline for receipt of abstracts is 9th February 2009 and successful authors will be notified by 27th February 2009.

The conference will be in English throughout. Abstracts with an overtly commercial content will not be accepted. A CD-Rom of all the papers (in either full text format or power point presentations with notes) will be produced after the show and distributed to all delegates.

Exhibition and sponsorship opportunities



www.marelec.co.uk

Source vessel on MTEM survey. Image courtesy of PGS EM

Marelec 2009 offers a unique opportunity for companies to exhibit to a specialised audience from military, academic, theoretical, experimental and industrial backgrounds during scheduled breaks in the conference. Exhibition sites are available in the area where delegate coffees and conference posters are located.

Welcome to Stockholm

The Swedish Defence Research Agency (FOI) is delighted to host Marelec 2009 in Stockholm from 7 – 9 July 2009. The Scandic Hasselbacken hotel is ideally located on Royal Djurgården, an extensive public park that was once a royal hunting ground, yet is only 10 minutes away from the pulse of the city. Built on 14 islands around one of Europe's largest and best-preserved medieval city centres, the Swedish capital is superbly positioned where the lake Mälaren opens up into the Baltic Sea.

For more information contact:

Tel: +44 (0)844 443 9322

Email: info@marelec.co.uk

Photo: Richard Ryan - Stockholm Visitors Board

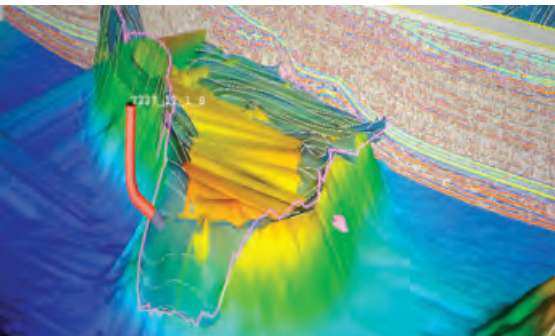


Photo: Statoil Hydro

The number of exhibit booths is limited, please email info@marelec.co.uk for more information or phone +44 (0)844 443 9322

