

Organisers



Golden Sponsor



Silver Sponsor



Supporters



WHERE MANUFACTURING COMES TOGETHER™

Media Partners

Pipeline & Gas Journal

Pipeline Asia  
[www.pipelineasia.com](http://www.pipelineasia.com)



Oil Offshore Marine  
Worldwide Oil & Gas Jobs

OIL GAS  
EUROPEAN MAGAZINE

PetroMin  
PIPELINER

[nodig-construction.com](http://nodig-construction.com)  
Strength for underground work

Organisers



Sponsored by



Media Partners



OIL GAS  
EUROPEAN MAGAZINE

PetroMin  
PIPELINER

Oil Offshore Marine  
Worldwide Oil & Gas Jobs

Pipeline Asia  
[www.pipelineasia.com](http://www.pipelineasia.com)

[nodig-construction.com](http://nodig-construction.com)  
Strength for underground work

Supporters



WHERE MANUFACTURING COMES TOGETHER™



Featuring the 2<sup>nd</sup>  
Asia/Africa - Europe  
Pipeline Forum

# 3<sup>rd</sup> PIPELINE TECHNOLOGY CONFERENCE 2008 21 - 23 APRIL 2008

Part of HANNOVER MESSE, Hall 27, Hannover, Germany

## CONFERENCE PROGRAM

# CONFERENCE OVERVIEW

## Monday, 21 April 2008

- 14:00 **Opening Ceremony**
- 14:30 **Plenary Session "World Pipeline Outlook"**
- 17:00 **End of Conference Day 1**

## Tuesday, 22 April 2008

- 10:00 **Session 1 "2<sup>nd</sup> Asia/Africa-Europe Pipeline Forum"**
- 13:00 **Lunch Break**
- 14:00 **Session 2 "Acceleration and Optimisation of Planning and Construction"**
- 17:30 **End of Conference Day 2**
- 18:00 **Get-together**

## Wednesday, 23 April 2008

- 10:00 **Session 3 "Operation and Maintenance / Risk Management"**
- 13:00 **Lunch Break**
- 14:00 **Session 4 "Pipeline Integrity / Inspection and Leak Detection"**
- 17:00 **End of Pipeline Technology Conference**

## ADDITIONAL INDUSTRY FORUM

### Thursday, 24 April 2008

- 10:00 **Industry Forum 1 "Construction"**
- 14:00 **Industry Forum 2 "Operation and Maintenance"**
- 17:00 **End of Industry Forum Day 1**

### Friday, 25 April 2008

- 10:00 **Industry Forum 3 "Pipeline Integrity"**
- 14:00 **End of Industry Forum Day 2**

## Welcome

It gives me great pleasure to invite you to the **3<sup>rd</sup> Pipeline Technology Conference 2008**.

The conference will focus on key political and technical challenges to the pipeline industry as the new year unfolds. Government policymakers, industrial leaders from the oil / gas and public utilities' sectors, research scientists and engineers as well as transport operators will be participating.

Besides the **"World Pipeline Outlook"** plenary session the conference features the **"2<sup>nd</sup> Asia/Africa - Europe Pipeline Forum"** and three sessions dedicated to exploring current and future options, management and technologies for the pipeline-based transportation of oil, gas and other media.

At the same venue exhibiting companies will present their products and services at the open, practice-oriented industry forum on Thursday and Friday.

All conference participants are invited to join the **Social Program** on Tuesday evening and on Thursday.

As part of HANNOVER MESSE (21-25 April 2008) this conference benefits from synergies of the world's most important technology event with some 210,000 visitors and more than 6,100 exhibitors.

Conference participants will be presented with a singular opportunity to meet more than 1,000 exhibiting blue-chip companies specialising in the world-wide energy business – the companies providing innovative and efficient solutions to questions in the development, transportation and utilisation of fossil and renewable energy resources around the world.

I look forward to welcoming you to Hannover and I wish all of us a fruitful conference.



Dr. Klaus Ritter  
Pipeline Technology Conference Chairman  
President of EITEP

# Pipeline Technology Conference

The 3<sup>rd</sup> Pipeline Technology Conference together with the Pipeline Technology Trade Fair will be held as an integral part of the HANNOVER MESSE 2008 - the world's most important technology event with some 210,000 visitors and more than 6,100 exhibitors. The conference gives a comprehensive insight into latest technologies and projects of high international relevance. It is going to attract more than 300 participants from all over the world to exchange their experiences.



Saudi Aramco General Manager Pipelines MuhammedAli Trabulsi in discussion with former German Chancellor Gerhard Schröder at Pipeline Technology Conference 2007

# Opening Ceremony

21 April 2008, 14:00



**Dr. Klaus Ritter**

Conference Chairman  
President of EITEP - Euro Institute for  
Information and Technology Transfer in  
Environmental Protection  
Germany



**Dr. Wolfram von Fritsch**

Member of the Board of  
Deutsche Messe AG  
Germany



**Walter Hirche**

Minister for Economics, Labour and  
Transport of Niedersachsen  
Deputy Prime Minister of Niedersachsen  
Germany

# Plenary Session “World Pipeline Outlook“

21 April 2008, 14:30



## Moderation

**Arve Thorvik**, Vice President, EU Affairs,  
StatoilHydro EU Affairs Office, Belgium



## Reserves, Resources and Availability of Energy Resources – Recent Situation and Perspective

**Prof. Dr. H.-J. Kämpel**, President,  
Federal Institute for Geosciences and  
Natural Resources (BGR), Germany



## The European Energy Supply - The Role of Natural Gas and its Future Supply Highways

**Prof. Dr. Klaus Homann**, CEO, RWE  
Transportnetz Gas GmbH / Member of  
the Board, DVGW (German Technical  
and Scientific Association for Gas and  
Water), Germany

Coffee Break



## Nord Stream, Essential Milestones on the Way Forward

**Dr. Werner Rott**, Deputy Technical Director,  
Nord Stream AG, Switzerland



## The Politics of Transnational Pipeline Projects: Nabucco

**Mark Iden**, Managing Director,  
Diplomacy International Group, Belgium



## The Trans Adriatic Pipeline Project

**Robert Klein**, General Manager, Trans  
Adriatic Pipeline AG, Switzerland



## The Rise of the “International National Oil Companies” and their Challenge to International Oil Companies

**Jonathan Green**, Director New Ventures  
& Strategic Consulting, IHS Consulting,  
Switzerland



## Carbon Dioxide Transport in Pipe- lines – Under Special Consideration of Safety-Related Aspects

**Dr. Klaus-Dieter Kaufmann**, Senior  
Advisory Process Engineer, ILF  
Consulting Engineers, Germany

# Session 1

## 2<sup>nd</sup> Asia/Africa-Europe Pipeline Forum

22 April 2008, 10:00

### “New Technologies, Regulations and Human Resources for Sustainable Development”

The Forum provides an information exchange platform for decision makers especially from the three highly inter-connected regions Europe, Asia and Africa.

#### Panel Discussion 1 Human Resources and Regulations

Moderation: **Prof. Dr. Klaus Homann**, DVGW (German Technical and Scientific Association for Gas and Water) / RWE Transportnetz Gas GmbH, Germany

#### Panellists

European Gas Engineer-joint study program (EGE-jsp)  
**Prof. Dr. Kurt M. Reinicke / Arndt Heilmann**, Clausthal University of Technology, Germany

Regulatory Framework and Approval Criteria for Pipelines in Germany

**Klaus Söntgerath**, State Office for Mining, Energy and Geology (LBEG), Germany

Challenges for the European Pipeline Industry with Current and Future Standards and Regulations

**Peter Davis**, CONCAWE, Belgium

Coffee Break

#### Panel Discussion 2 Technical and Managerial Requirements

Moderation: **Karl Gaßner**, TAL - Transalpine Ölleitung GmbH, Germany

#### Panellists

Natural Gas Industry in Iran

**Hedayat Omidvar**, National Iranian Gas Company, Iran

Total Pipeline Integrity Management System – PETRONAS Gas Berhad's Practices

**Mohd Nazmi bin Mohd Ali Napiah**, PETRONAS Gas Berhad, Malaysia

The European Pipeline Research Group: Recent Research Activities Directed Towards Improved Pipeline Safety and Reliability

**Dr. Gerhard Knauf**, Salzgitter Mannesmann Forschung GmbH, Germany

Lunch Break



## Session 2 Acceleration and Optimisation of Planning and Construction

22 April 2008, 14:00

Moderation: **Luc Henriod**, IPLOCA, Switzerland

An Innovative, Alternative Solution for Onshore Pipeline Contractors

**Bernard Quereillahc**, Volvo Construction Equipment, Germany

Direct Pipe ®: Latest Innovation in Pipeline Construction – Technology and References

**Dr. Marc Peters**, Herrenknecht AG, Germany

Challenge Pipe Tracking – an Example from Nord-Stream AG

**Lothar Kreuzwald**, P-Systems Pipeline Services GmbH, Germany

Coffee Break

The Recent Results of the Experiments on the VPL Laser Welding System

**Eginhard Vietz**, VIETZ GmbH, Germany

Helipepe™ – All Metal Composite Pipeline Structure

**Nigel Wright**, ITI Energy, United Kingdom

Preliminary Environmental Assessment for the Environmental Impact Study of the Onshore Phase of the Mexilhão Project: Caraguatatuba Gas Treatment Plant and Caraguatatuba-Taubaté Gas Pipeline

**Dr. Wilson José Oliveira**, Petrobras, Brazil

Pipeline vs. LNG

**Ralf G. Schwimmbeck**, MEI, LLC, USA

Get-together between participants of Pipeline Technology Exhibition and Conference

## Session 3 Operation and Maintenance / Risk Management

23 April 2008, 10:00

Moderation: **Ulrich Hoffmann**, VNG Verbundnetz Gas AG, Germany

Localisation and Identification of External Interference on Pipelines and Methods for Prevention

**Jens Focke**, GE Oil & Gas, PII Pipeline Solutions, Germany

Risk-Weighted Based Integrity Management

**A. C. Kabel**, Pipeline Control, The Netherlands

An Innovative New Technology for Trenchless Rehabilitation of High Pressure Gas/Liquid Transmission Pipelines

**Dr. Melvin F. Kanninen**, Smart Pipe Corporation, USA

Coffee Break

On-line Surveys within Operational Pipelines Prior to Cleaning to Determine the Location and Amount of Deposits

**Björn Asseln**, Tracerco, Germany

The Virtual Pipeline – Pipeline Management in the 21<sup>st</sup> Century

**Andrew Wilde**, ADVANTICA Ltd, United Kingdom

Black Powder, its Causes and Cures

**Peter van Beugen**, Pipesurvey International, The Netherlands

Lunch Break

**23 April 2008, 14:00**

Moderation: **Lars Bangert**, ILF Consulting Engineers, Germany

Advances in Feature Identification using Tri-Axial MFL Sensor Technology

**Frank Sander**, BJ Pipeline Inspection Services, Canada

New Multi-Technology In-Line Inspection Tool For The Quantitative Wall Thickness Measurement Of Gas Pipelines

**Dr. Michael Beller**, NDT Systems & Services AG, Germany

New Pig for Gas Pipeline Crack Inspections – Enhancements Derived from 5 Years' Operational Experience

**Stephan Tappert**, GE Oil & Gas, PII Pipeline Solutions, Germany

Coffee Break

Sizing Stress Corrosion Cracks using Laser Ultrasonics

**Munendra S. Tomar**, Applus RTD, USA

A Comparison of DCVG Measurements with In-Line Inspection Results on a Pipeline under AC Influence

**Dr. Konrad Reber**, TÜV Rheinland Industrie Service GmbH, Germany

Managing the Technical Integrity of a Pipeline with an "Out of the Box" GIS- and Geodata-based PIMS

**Philipp Ahlner**, GEOMAGIC GmbH, Germany

**Dr. Volker Busack**, VNG Verbundnetz Gas AG, Germany

End of Pipeline Technology Conference 2008

**22 / 24 April 2008**

**22 April 2008**

**Get-together**

**18:00**

Networking party of conference participants and Pipeline Technology exhibitors within the grand hall 27.

**24 April 2008**

**Guided Bus Tour "Oil and gas industry from the early beginnings to state-of-the-art"**

Make use of the unique opportunity to get a demonstrative insight into the past, present and future challenges to the oil and gas industry in Germany and world-wide.

**9:00**

Departure in Hannover

**10:00**

Visit of the Deutsches Erdölmuseum (German Crude Oil Museum) in Wietze.

In 1858, **one of the first ever oil wells worldwide** was drilled successfully in Wietze. At the turn of the century, production boomed. By 1908, the oil field in Wietze produced 80 % of all German oil. When production ceased, part of the field was left intact. This is now the site of the "Deutsches Erdölmuseum". Replicas of early equipment and state-of-the-art drilling, transportation and production tools were added to the original machinery creating a complete overview of oil production in the 20th century.

**12:00**

Lunch in the picturesque landscape of the Lüneburg Heath

**13:30**

Visit of state-of-the-art technical facilities in Northern Germany

Additional costs per participant: EUR 60.00 plus VAT

(number of participants is limited, use conference registration form to register)

**24 - 25 April 2008**

At the same venue as the conference, companies will present their latest innovations at the open, practise-oriented Industry Forum on Thursday and Friday.

No registration required, participation is free-of-charge, presentations in German or English. For latest updates on the forum program please see: <http://www.hannovermesse.de/overviewevents>

**24 April 2008**

**11:00 - 16:00**

Industry Forum 1 "Construction"

- Welding Technologies
- Trenchless Technologies (HDD)
- Coating

**25 April 2008**

**11:00 - 13:00**

Industry Forum 2 "Operation and Maintenance"

- Pipeline Integrity
- Inspection and Leak Detection
- Intelligent Pigging

## Event

Pipeline Technology Conference 2008  
Part of HANNOVER MESSE 2008  
[www.eitep.com/ptc2008](http://www.eitep.com/ptc2008)

## Venue

HANNOVER MESSE, Hall 27, D 46  
Messegelände  
30521 Hannover  
Germany

## Conference Language

English

## Conference Contact

EITEP GmbH – Euro Institute for  
Information and Technology Transfer in  
Environmental Protection

Mr Dennis Fandrich  
Tel. +49 (0)511 90992-22  
Fax +49 (0)511 90992-69  
E-Mail: [fandrich@eitep.de](mailto:fandrich@eitep.de)  
[www.eitep.de](http://www.eitep.de)



## Travel Information, Accommodation, Visa

See [www.hannovermesse.de/visitorservice](http://www.hannovermesse.de/visitorservice)

or contact:

Travel2Fairs GmbH  
Tel. + 49 (0)511 33644-000  
Fax + 49 (0)511 33644-050  
E-Mail: [info@travel2fairs.com](mailto:info@travel2fairs.com)  
[www.travel2fairs.com](http://www.travel2fairs.com)

(it is highly recommended to reserve a room at an early stage)

## Participation Fee

EUR 390.00 plus VAT (full event)  
EUR 140.00 plus VAT (day ticket Monday)  
EUR 180.00 plus VAT (day ticket Tuesday or Wednesday)

20 % discount for exhibiting companies at Pipeline  
Technology 2008

Group packages on request.

Participation fee includes proceedings, lunch, beverages,  
snacks, invitation for Get-together, day tickets for  
HANNOVER MESSE.

## Social Program

Get-together: free-of-charge  
Guided bus tour: EUR 60.00 plus VAT

## Pipeline Technology Conference Committee

Chairman of the Conference Committee

- Dr. Klaus Ritter, EITEP

Members of the Conference Committee

- Lars Bangert, ILF Consulting Engineers
- Karl Gaßner, TAL - Transalpine Ölleitung
- Thorsten Gundlach, Germanischer Lloyd
- Luc Henriod, IPLOCA
- Dr. Achim Hilgenstock, E.ON Ruhrgas
- Prof. Dr. Kurt M. Reinicke, TU Clausthal
- Dr. Kurt Schubert, OMV Refining & Marketing
- MuhammadAli Trabulsi, Saudi Aramco
- Prof. Thomas Wegener, IRO



## Organisers

### EITEP

The Euro Institute for Information and Technology Transfer in Environmental Protection, EITEP, was

originally founded by the German technical and scientific associations on energy and water to assist them and their members in their international activities. EITEP works in close cooperation with the relevant German associations, universities and authorities and makes use of their competences.

By means of this network in Germany and with international partner associations in Central and Eastern Europe, China, Southeast Asia, Africa and the Middle East EITEP assists companies in the energy, water and environment sector in entering and developing foreign markets.

### Deutsche Messe

Achieving annual revenues of over EUR 250 million, around 790 employees, 60 agencies abroad and an exhibition center with a superb infrastructure totaling over 1 million square meters of space, Deutsche Messe - based in Hannover, Germany - is the world's foremost trade fair company.

Deutsche Messe develops, plans and runs trade fairs and exhibitions in Germany and abroad.

It has extensive expertise and experience in planning and executing around 50 trade fairs and exhibitions every year, involving 21,000 exhibitors, 1.79 million visitors and 16,000 journalists from over 100 different countries.



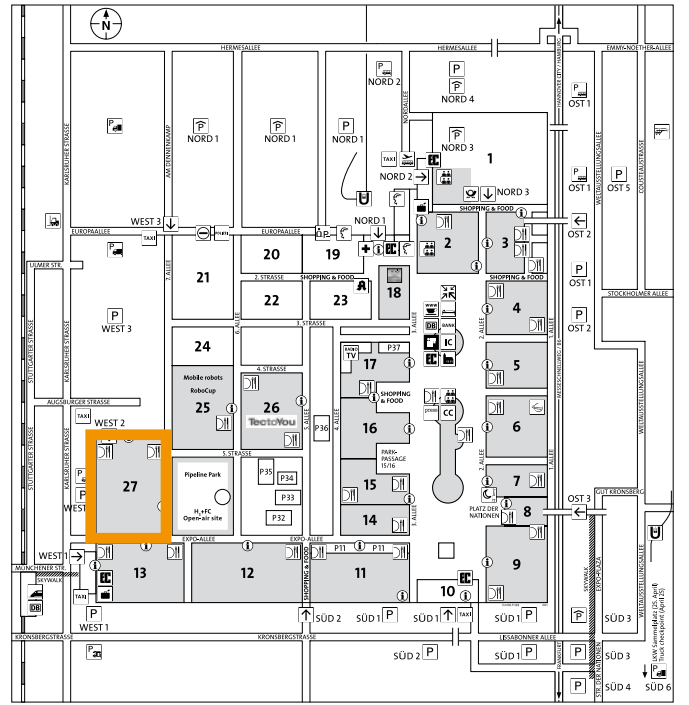
# HANNOVER MESSE 2008



Deutsche Messe  
Hannover - Germany

Deutsche Messe - Messagelände, 30521 Hannover  
Telefon +49 511 89-0 · Telefax +49 511 89-12426  
www.messe.de

Deutsche Messe Management	Parkplatzverwaltung Car-park admin. office	Messe Helpport	Restaurant	Kirchen-Centrum Church	Global Business Forum
Eingang Entrance	Parkplatz (PKW) Parking (Car)	Taxi	Presse-Centrum Press Center	Gebetsraum für Muslime Muslim Worship	PROMOTION WORLD
Information-Centrum Information Center	Parkplatz (Bus) Parking (Bus)	Stadtbahn Tram	Radio-TV-Centrum Radio-TV Center	Polizei Police	Information (EB)
Convention Center	Parkplatz (Taxi) Parking (Taxi)	Bahnhof/Railway Station Hannover-Messe/Laatz	Pharmazie Pharmacy	Polizei Police	International Forum Design
Tagungsräume Conference Rooms	Parkplatz (Transporter) Parking (Van)	Fahrschein-D8-Tickets	Sanitätsstelle Medical Service	IC-Cashautomat IC-Cash dispensing machines	
Visitors Lounge	Parkplatz (Caravan) Parking (Caravan)	Zimmervermittlung Accommodation Service	Post Post Office	Logistik Zentrum / Spedition Logistics Center / Forwarding Agencies	
Internet Lounge	Flughafen Shuttle Airport Shuttle	Gepäck-/Baggage Pre-Check-in & Transfer	Bank		



Pipeline Technology Conference 2008,  
Hall 27, D 46



# Pipeline Technology Conference 2008

21-23 April 2008

Registration Form

via Fax: +49 (0)511 90992-69

## Participant

Company \_\_\_\_\_

Exhibitor at Pipeline Technology 2008  yes  no

Days of Participation  full event |  Mon., 21.04.  Tue., 22.04.  Wed., 23.04.

▪ Guided bus tour  Thu., 24.04. (+ 60.00 EUR + VAT)

Title / First Name / Last Name \_\_\_\_\_

Position \_\_\_\_\_

Address \_\_\_\_\_

Postcode / City \_\_\_\_\_

Country \_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_

E-Mail \_\_\_\_\_

I am interested in sponsorship opportunities. Please provide me with additional information.

## Payment method

By bank transfer after receipt of invoice

By credit card

Visa  Mastercard

Card number \_\_\_\_\_ Expires 

--	--	--	--

Name of card holder \_\_\_\_\_ Card security code 

--	--	--	--

Date, Signature \_\_\_\_\_

### Participation Fee

390.00 EUR plus VAT (full event)

140.00 EUR plus VAT (day ticket Monday)

180.00 EUR plus VAT (day ticket Tuesday or Wednesday)

20 % discount for exhibiting companies at Pipeline Technology.

Group packages on request.

Participation fee includes proceedings, lunch, beverages, snacks, invitation for Get-together, day tickets for HANNOVER MESSE

### Optional at extra cost

Guided Bus Tour on Thursday (+ 60.00 EUR plus VAT)

### Venue

HANNOVER MESSE, Hall 27, D 46

### Conference Language

English

### Travel Information / Accommodation / Visa

[www.hannovermesse.de/visitorservice](http://www.hannovermesse.de/visitorservice)

### Entry Conditions

Registration is not considered confirmed until payment is received in full. Registrations can be cancelled (in writing only) free of charge up to 2 weeks before the event. In case of later cancellation or failure to attend the entire attendance fee will be payable. The registered delegate may of course send a substitute at no additional cost. The organisers reserve the right to amend the program of events if necessary. For latest updates see: [www.eitep.com/ptc2008](http://www.eitep.com/ptc2008).

### Conference Contact

EITEP, Am Listholze 82, D-30177 Hannover, Germany

Mr. Dennis Fandrich Tel. +49 (0)511 90992-22, Fax +49 (0)511 90992-69, E-Mail: [fandrich@eitep.de](mailto:fandrich@eitep.de)