



# Pipeline Technology Conference 2007

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16 - 17 April 2007, Convention Center, Messegelände, Hannover, Germany

## Conference Program

### Organisers



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## Conference Overview

### Monday, 16 April 2007

- 09:30 Registration (Convention Center, in front of room 1)
- 10:00 **Welcome and Keynote Speeches**
- 11:15 **Special Session Nord Stream**  
(The gas pipeline through the Baltic Sea)
- 12:30 Lunch Break
- 13:30 **1<sup>st</sup> Asia/Africa - Europe Pipeline Forum**
- 16:00 End of Conference Day 1
- 17:00 **Get-Together in Pipeline Technology Exhibition, Hall 27**

### Tuesday, 17 April 2007

- |       |   |  |   |   |
|-------|---|--|---|---|
| 09:30 | <b>Session 1</b><br>Optimisation and Acceleration of Planning     | <b>Session 2</b><br>Pipeline Integrity - Risk Management     | <b>Session 3</b><br>Pipeline Integrity - Inspection     | <b>Session 4</b><br>Pipeline Materials and Components |
| 12:30 | Lunch Break   |  |   |   |
| 13:30 | <b>Session 5</b><br>Optimisation and Acceleration of Construction | <b>Session 6</b><br>Pipeline Integrity - Intelligent Pigging | <b>Session 7</b><br>Pipeline Integrity - Leak Detection | <b>Session 8</b><br>Operation and Maintenance         |
| 16:00 | End of Conference Day 2   |  |   |   |

# Welcome

It gives me great pleasure to invite you to the Pipeline Technology Conference 2007.

The Pipeline Technology Leading Trade Fair and Conference is an international platform for products, systems and services relating to the transport of oil, gas and water. The focus is the entire value added chain – from planning, construction and operation to maintenance and repair. All these aspects are being discussed during the conference.

As part of HANNOVER MESSE (16-20 April 2007) this conference benefits from synergies of the world's most important technology event with some 210,000 visitors and more than 6,100 exhibitors during this year's show.

Besides a special session on the Nord Stream pipeline the conference features the "1<sup>st</sup> Asia/Africa - Europe Pipeline Forum" and eight sessions dedicated to exploring current and future options, management and technologies for the pipeline-based transportation of oil, gas and water.

Expected conference participants include decision-makers from industry, public utilities, government policy-makers, investors, research scientists and engineers from around the globe. High-ranking delegations from Asia, Middle East and North Africa are expected to attend the Pipeline Technology Conference 2007 to discuss questions regarding new and old cross-country pipeline projects.

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

A handwritten signature in blue ink, consisting of a large, stylized initial 'K' followed by a series of loops and a long horizontal stroke.

# Program

**Monday, 16 April 2007**

**Room 1 A**

09:30

**Registration (Convention Center, in front of room 1)**

10:00

**Welcome and Keynote Speeches**

*Dr. Klaus Ritter*, Chairman of the Conference, President, EITEP

*Joachim Werren*, Under-Secretary of State, Ministry for Economics, Labour and Transport of Lower Saxony

*Eginhard Vietz*, Chairman of the Pipeline Technology Exhibition Advisory Board, IPLOCA Member, Managing Director, VIETZ GmbH

*Edgar Thielmann*, Director of Directorate B, Directorate-General for Energy and Transport, European Commission

11:15

**Special Session Nord Stream**

(The gas pipeline through the Baltic Sea)

*Gerhard Schröder*, Chair of the Shareholders' Committee, Nord Stream AG

*Matthias Warnig*, Managing Director, Nord Stream AG  
A New Dimension of European Security of Supply

*Dr. Werner Rott*, Deputy Technical Director, Nord Stream AG  
Technical Planning in the Early Stage of the Project

12:30

**Lunch Break**



**Monday, 16 April 2007**

**Room 1 A**

## **1st Asia/Africa - Europe Pipeline Forum**

Security, Safety and Environmental Sustainability of Pipeline Systems World-wide  
Present Challenges - Joint Solutions

*Moderator: Lars Bangert, ILF Consulting Engineers GmbH, Germany*

13:30

### **Welcome Speech**

*H.E. Ali Coskun, Minister for Industry and Trade, Turkey*

### **Panellists from Europe**

Benchmarking Oil and Gas Pipeline Operations

*Roger Holden, Solomon Associates Ltd., United Kingdom*

Environmental Risks – Remediation of Pollution

*Prof. Harald Burmeier, ITVA - German Association of Engineers and Scientists for Site Remediation, Germany*

European Cross-Country Oil Pipelines Spillage Report

*Horstgünter Schulz, CONCAWE, Belgium*

### **Panellists from Asia/Africa**

Black Powder Phenomenon in Gas Transmission Pipelines

*MuhammedAli Trabulsi, Saudi Aramco, Saudi Arabia*

PetroChina and its Pipeline Business

*Zhang Jun, PetroChina, China*

Operation and Maintenance of Ageing Pipelines in South Asia

*Mustafa Abdulla, Sui Southern Gas Company, Pakistan*

Co-operation in Training and Capacity Building

*Dr. Bourima A. Belgasem, LPI - Libyan Petroleum Institute, Libya*

16:00

### **End of Conference Day 1**

17:00

### **Get-Together in Pipeline Technology Exhibition, Hall 27**

**Tuesday, 17 April 2007**

**Room 1 A**

## **Session 1**

### **Optimisation and Acceleration of Planning**

*Moderator: Roger Holden, Solomon Associates Ltd., UK*

- |       |  |
|-------|--|
| 09:30 | Design Calculations for Oil and Gas Pipelines - Common Aspects and Specific Topics<br><i>Dr. Michael Kasch, 3S Consult München GmbH, Germany</i>                           |
| 09:55 | Optimum Design of a Suspended Oil Transporting Pipeline<br><i>Dr. Khalid Alsaif, King Saud University, Saudi Arabia</i>  |
| 10:20 | Oooguruk Stretching the Limits of Experience in Alaska<br><i>Mr Michael Bick, Mannesmann Fuchs Rohr, Germany</i>   |
| 10:45 | Coffee Break   |
| 11:15 | Unique Autonomous Pipeline Mapping System<br><i>Mr Robert van Disseldorp, Reduct NV, Belgium</i>   |
| 11:40 | GIS & Database Technologies, Pipeline Information Management for Design, Construction and Operation<br><i>Mr Marcus Scheiber, ms.GIS informationssysteme gmbh, Austria</i> |
| 12:05 | Pipeline Emergency Response Officer<br><i>Mr John C. Wilson, SembCorp Utilities UK Limited, United Kingdom</i>   |
| 12:30 | Lunch Break  |

**Tuesday, 17 April 2007**

**Room 1 B**

## **Session 2**

### **Pipeline Integrity - Risk Management**

*Moderator: Klaus-Peter Giebler, EITEP, Germany*

- 09:30 Verification of the Integrity of Existing Pipeline Systems for the Operating Permit Procedure  
*Mr Markus Rieder, ILF Beratende Ingenieure GmbH, Germany*
- 09:55 Emergency Preparedness Based on SAP and GIS  
*Dr. Peter Götzen, E.ON Ruhrgas AG, Germany*
- 10:20 Impact Detection Technology may Localize Third-Party Damage in Real-Time  
*Mr Jens Focke, GE Oil & Gas, PII Pipeline Solutions, Germany*
- 10:45 Coffee Break
- 11:15 Managing Risk and Integrity of Aging Gas Transmission Pipeline  
*Mr Arie Wisianto, PERTAMINA EP Java Region, Indonesia*
- 11:40 Risk Based Inspection Implementation for a Pipeline Network with Limited Data  
*Mr John L. Tischuk, SGS Industrial Services, Germany*
- 12:05 Integral High Standard Pipeline-Control Management  
*Mr Aad C. Kabel, Pipeline Control, The Netherlands*
- 12:30 Lunch Break

**Tuesday, 17 April 2007**

**Room 11**

## **Session 3**

### **Pipeline Integrity - Inspection**

*Moderator: **Lars Bangert**, ILF Consulting Engineers GmbH, Germany*

- |       |   |
|-------|---|
| 09:30 | Inline Inspection From an Operator's Point of View<br><i>Dr. Thomas Hübener, E.ON Ruhrgas AG, Germany</i>                                     |
| 09:55 | Proof of Integrity for High-Pressure Pipelines - A Constant Process<br><i>Dr. Manfred Veenker, Dr.-Ing. Veenker Ingenieures. mbH, Germany</i> |
| 10:20 | What are the Real Challenges in Pipeline Inspection?<br><i>Dr. Konrad Reber, TÜV Rheinland Industrie Service GmbH, Germany</i>                |
| 10:45 | Coffee Break  |
| 11:15 | Achievement of Long-Term Reliability for Pipeline Systems<br><i>Mr Holger Hennerkes, ROSEN Headquarters, Switzerland</i>                      |
| 11:40 | Causes, Assessment and Reduction of Piping Vibration<br><i>Mr Martin Hofschroer, KÖTTER Consulting Engineers KG, Germany</i>                  |
| 12:05 | Using or Creating Incident Databases for Natural Gas Transmission Pipelines<br><i>Dr. Achim Hilgenstock, E.ON Ruhrgas AG , Germany</i>        |
| 12:30 | Lunch Break   |



**Tuesday, 17 April 2007**

**Room 12**

**Session 4**

**Pipeline Materials and Components**

*Moderator: Luc Henriod, IPLOCA, Switzerland*

- |       |   |
|-------|---|
| 09:30 | Development and Production of Large-Diameter Line Pipe for Offshore Applications<br><i>Dr. Hans-Georg Hillenbrand, EUROPIPE GmbH, Germany</i> |
| 09:55 | Know-how from ROTOR<br><i>Mr Vladimir A. Bondar, Bosch Rexroth Sp.z o.o., Ukraine</i>   |
| 10:20 | Development of UOE Clad Linepipe<br><i>Mr Mark Fryer, Corus Tubes Energy Business, United Kingdom</i>   |
| 10:45 | Coffee Break  |
| 11:15 | GRP Pipe Systems - Chemical Resistance Measured over 28 Years<br><i>Mr Högni Jónsson, Flowtite Technology - Amiantit Group, Norway</i>        |
| 11:40 | Liner Buckling Design Using Critical Buckling Strain<br><i>Dr. Wei Zhao, Ultraliner Inc., USA</i>   |
| 12:05 | Aspects of Modern Corrosion Protective Coating Technology<br><i>Mr Michael Schad, DENSO GmbH, Germany</i>                                     |
| 12:30 | Lunch Break   |

**Tuesday, 17 April 2007**

**Room 1 A**

## **Session 5**

### **Optimisation and Acceleration of Construction**

*Moderator: Prof. Dr. Thomas Wegener, IRO - Institut für Rohrleitungsbau Oldenburg, Germany*

- |       |   |
|-------|---|
| 13:30 | IPLOCA Onshore Pipeline Novel Construction Initiative<br><i>Mr Ian Neilson, BP, United Kingdom</i>  |
| 13:55 | Welding Methods Applied in Pipeline Construction, Regarded Under the Aspect of Economic Efficiency<br><i>Mr Eginhard Vietz, VIETZ GmbH, Germany</i>   |
| 14:20 | Method Comparison Between Horizontal Directional Drilling, Microtunneling, Shields with Partial Face Extraction and Easy Pipe<br><i>Dr. Hans-Jürgen John, Meyer &amp; John GmbH &amp; Co. KG, Germany</i> |
| 14:45 | Coffee Break  |
| 15:10 | Latest Developments for the Trenchless Construction of Pipelines<br><i>Mr Eric Adams, Herrenknecht AG, Germany</i>  |
| 15:35 | The Reliance East-West Gas Pipeline Project in India.<br><i>Mr Hans-Juergen Nagl, Züblin (Thailand) Co., Ltd., Thailand</i>   |

**Tuesday, 17 April 2007**

**Room 1 B**

**Session 6**

**Pipeline Integrity - Intelligent Pigging**

*Moderator: Klaus-Peter Giebler, EITEP, Germany*

- |       |  |
|-------|--|
| 13:30 | Combined Crack and Metal Loss Detection Tool using Phased Array Technology<br><i>Mr Jürgen Ehrhardt, GE Oil &amp; Gas, PII Pipeline Solutions, Germany</i>               |
| 13:55 | Advanced Pipeline Inspection Utilizing Ultrasound: Special Applications<br><i>Dr. Michael Beller, NDT Systems &amp; Services AG, Germany</i>                             |
| 14:20 | A Novel EMAT Crack Detection and Coating Disbondment (RoCD <sup>2</sup> ) ILI Technology<br><i>Mr Hubert Lindner, ROSEN Technology and Research Center GmbH, Germany</i> |
| 14:45 | Coffee Break   |
| 15:10 | The Piglet System<br><i>Mr Hans Gruijtroij, A. Hak Industrial Services B.V., The Netherlands</i>   |
| 15:35 | NoPig: A New Inspection Technique for Non-Piggable Pipelines<br><i>Dr. Guennadi S. Krivoi, N.P. Inspection Services GmbH, Germany</i>                                    |

**Tuesday, 17 April 2007**

**Room 11**

## **Session 7**

### **Pipeline Integrity - Leak Detection**

*Moderator: **Heinz Watzka**, E.ON Ruhrgas AG, Germany*

- |       |   |
|-------|---|
| 13:30 | Why is Pipeline Leak Detection More Than Just Installing a Flowmeter at Inlet and Outlet?<br><i>Mr Hilko den Hollander, KROHNE Oil &amp; Gas, The Netherlands</i> |
| 13:55 | Return on Investment for Leak and Theft Detection Software<br><i>Mr John Fryatt, Energy Solutions, United Kingdom</i>   |
| 14:20 | Assessment of Corroded Pipelines Based on Pigging Data<br><i>Mr Joachim Lücking, TÜV Nord Systems GmbH &amp; Co. KG, Germany</i>                                  |
| 14:45 | Coffee Break  |
| 15:10 | New Laser-based Technology for Remote, Airborne and Urban Gas Inspection<br><i>Mr Andreas Stabla, Pergam-Suisse AG, Switzerland</i>                               |
| 15:35 | Integral Audit of the Camisea Pipeline Project<br><i>Mr Thorsten Gundlach, Germanischer Lloyd Industrial Services GmbH, Germany</i>                               |

**Tuesday, 17 April 2007**

**Room 12**

**Session 8**  
**Operation and Maintenance**

*Moderator: Karl Gaßner, TAL GmbH, Germany*

- 13:30      Controlled Operational Emergency Shut Down Procedures  
*Mr Tobias Walk, ILF Consulting Engineers GmbH, Germany*
- 13:55      Composite Sleeves for Permanently Restoring the Serviceability of  
Pipe: A Review of Testing and Standards  
*Dr. Paul Hill, Clock Spring Company LP, United Kingdom*
- 14:20      Parameters & Survey Techniques Used for Operating and Maintaining  
the Integrity of 55 Years Old High Pressure Thin Walled Seam  
Welded Gas Pipelines  
*Mr Mustafa Abdulla, Sui Southern Gas Company, Pakistan*
- 14:45      Coffee Break
- 15:10      Intelligent Diagnostics for Pipeline Valves  
*Mr Carlos Lorusso, Tyco Flow Control Argentina, Argentina*
- 15:35      Cost and Time Effective Repairs of Faulty Pipeline Valves and  
Fittings  
*Mr Mark Sim, TDW Offshore Services AS, Norway*

# Information

## Event

Pipeline Technology 2007  
Leading Trade Fair and Conference  
Part of HANNOVER MESSE 2007  
[www.eitep.com/pt2007](http://www.eitep.com/pt2007)

## Venue

HANNOVER MESSE  
Messegelände – Convention Center  
D-30521 Hannover, Germany

## Travel Information

Travel information and visa applications at:  
[www.hannovermesse.de/visitorservice](http://www.hannovermesse.de/visitorservice)

## Conference Contact

EITEP GmbH – Euro Institute for Information and  
Technology Transfer in Environmental Protection  
Am Listholze 82, D-30177 Hannover, Germany  
[www.eitep.de](http://www.eitep.de)

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Fax +49 (0)511 90992-69  
E-Mail: [fandrich@eitep.de](mailto:fandrich@eitep.de)

## Accommodation

For bookings please contact:  
Travel2Fairs GmbH  
Tel. + 49 (0)511 33644-000  
Fax + 49 (0)511 33644-050  
E-Mail: [info@travel2fairs.com](mailto:info@travel2fairs.com)  
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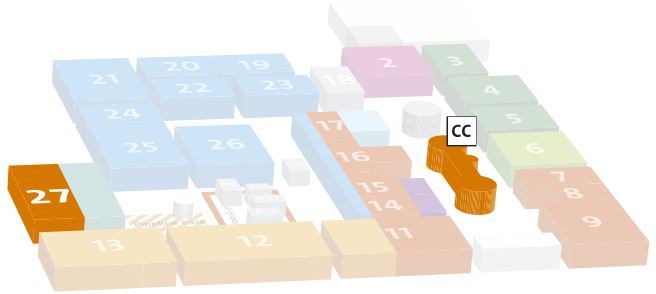
## Participation Fee

360.00 EUR plus VAT  
265.00 EUR plus VAT (for exhibiting companies  
at Pipeline Technology 07)

Including conference proceedings, lunch, beverages,  
snacks, participation in Get-Together on Monday, two  
day tickets for HANNOVER MESSE.

Group packages on request.

# HANNOVER MESSE



CC (Convention Center): Pipeline Technology Conference  
Hall 27: Pipeline Technology Exhibition

## Convention Center



## 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 and the Middle East EITEP assists companies in the energy, water and environment sector in entering and developing foreign markets.

## Deutsche Messe AG



**Deutsche Messe**  
Hannover · Germany

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.



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Deutsche Wissenschaftliche  
Gesellschaft für Erdöl,  
Erdgas und Kohle e.V.

# Pipeline Technology Conference 2007

16-17 April 2007

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

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Exhibitor at Pipeline Technology 2007  yes  no

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## Entry Conditions

Participation fee: 360.00 EUR + VAT (265.00 EUR for Pipeline Technology Exhibitors).

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/pt2007](http://www.eitep.com/pt2007)