3rd 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 "2nd 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 3rd 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 “2nd 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
The 3rd 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.

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

Saudi Aramco General Manager Pipelines MuhammedAli Trabulsi in discussion with former German Chancellor Gerhard Schröder at Pipeline Technology Conference 2007
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. Kümpel, 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 Pipelines – Under Special Consideration of Safety-Related Aspects
Dr. Klaus-Dieter Kaufmann, Senior Advisory Process Engineer, ILF Consulting Engineers, Germany
Session 1
2nd 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 Kreutzwald, 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

Helipipe™ – 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 21st Century
Andrew Wilde, ADVANTICA Ltd, United Kingdom

Black Powder, its Causes and Cures
Peter van Beugen, Pipesurvey International, The Netherlands

Lunch Break
Session 4
Pipeline Integrity / Inspection and Leak Detection

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 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)
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

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
www.eitep.de
Travel Information, Accommodation, Visa

See 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
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.
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


• 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

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>390.00 EUR plus VAT (full event)</td>
<td></td>
</tr>
<tr>
<td>140.00 EUR plus VAT (day ticket Monday)</td>
<td></td>
</tr>
<tr>
<td>180.00 EUR plus VAT (day ticket Tuesday or Wednesday)</td>
<td></td>
</tr>
</tbody>
</table>

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

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:


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