



11TH PIPELINE TECHNOLOGY CONFERENCE & 1ST PIPE AND SEWER CONFERENCE



23-25 MAY 2016, ESTREL CONVENTION CENTER, BERLIN, GERMANY



CONFERENCE PROGRAM

an  event
Euro Institute for Information
and Technology Transfer

SPONSORS





WELCOME TO THE 11TH PIPELINE TECHNOLOGY CONFERENCE

**EUROPE'S BIGGEST PIPELINE
CONFERENCE AND EXHIBITION**

**FOR THE FIRST TIME IN PARALLEL TO THE
NEW "PIPE AND SEWER CONFERENCE"**



600+ DELEGATES



55+ DIFFERENT NATIONS



50+ EXHIBITORS



**DELEGATIONS FROM 50+ DIFFER-
ENT PIPELINE OPERATORS**



From 23-25 May 2016, Europe's biggest pipeline conference and exhibition, the Pipeline Technology Conference (ptc), will take place for the 11th time.

In 2016 the ptc will take place in parallel to the new Pipe and Sewer Conference (PASC). Both shows will share the same exhibition area. All delegates are free to

move between the technical sessions and could attend all parts of the program. The unique gathering of pipeline, pipe and sewer professional from all over the world will create a multitude of synergies and furthers the exchange of experience across borders and transported media.

Both event, ptc and PASC offer opportunities for operators as well as technology and service providers to exchange latest technologies and new developments supporting the energy strategies world-wide. More than 600 delegates are expected to come to Berlin.

The conferences will feature lectures and presentations on all aspects surrounding oil, gas, water, product, district heating and cooling pipeline, pipe and sewer systems.

Please take a closer look at the following pages and get involved now - reserve your place at the 11th Pipeline Technology Conference & 1st Pipe and Sewer Conference in Berlin.

A handwritten signature in black ink, appearing to read 'K. Ritter'.

Dr. Klaus Ritter

Pipeline Technology Conference Chairman

Pipe and Sewer Conference Chairman

President of EITEP

ADVISORY COMMITTEE (PTC)

CHAIRMEN



Dr. Klaus Ritter, President, EITEP Institute



Uwe Ringel, Managing Director, ONTRAS Gastransport

MEMBERS



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Arthur Braga, Director, RB&B Consulting



Andreas Haskamp, Pipeline Joint Venture Management, BP Europa SE



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Reinhold Krumnack, Div. Head, DVGW - German Technical and Scientific Association for Gas & Water



Ralf Middelhaue, Head of Central Dept. Process Industrie / Plant Engineering and Operation, TÜV NORD Systems



Dr. Prodromos Psaropoulos, Structural & Geotechnical Engineer, National Technical University of Athens



Hermann Rosen, President, ROSEN Group



Ulrich Schneider, Business Development Manager Continental Europe, KTN



Roger Vogel, Sales Manager - EURA, PII Pipeline Solutions



Herbert Willems, Global ILI Technology Support, NDT Global



Muhammad Sultan Al-Qahtani, General Manager, Pipelines, Saudi Aramco



Filippo Cinelli, Senior Marketing Manager, GE Oil & Gas



Dr. Hans-Georg Hillenbrand, Director Technical Service, Europipe



Dr. Thomas Hübener, Managing Director Technical Services, Open Grid Europe



Cliff Johnson, President, PRCI - Pipeline Research Council International



Mike Liepe, Head Business Solution Line O&G Pipelines, Siemens



Prof. Dr. Joachim Müller-Kirchbauer, Lehrstuhl Energie- und Ressourcenmanagement, Technische Universität Berlin



Frank Rathlev, Manager of Network Operations, Thyssengas



Michael Schad, Head of Sales International, Denso



Carlo Maria Spinelli, Technology Planner, eni gas & power



Tobias Walk, Director of Projects - Pipeline Systems, ILF Consulting Engineers



Dr. B.D. Yadav, Executive Director (Operations & Projects), Indian Oil Corporation



Juan Arzuaga, Executive Secretary, IPLOCA



Jens Focke, CEO, BIL



Jörg Himmerich, Managing Director / Technical Expert, Dr.-Ing. Veenker Ing.-ges.



Mark David Iden, Director, Charterford House



Dr. Gerhard Knauf, Head of Div. Mech. Eng., Salzgitte Mannesmann Forschung / Secretary General, EPRG



Michael Lubberger, Senior Product Manager Pipeline, BU Utility Tunnelling, Herrenknecht



Steffen Paeper, Offshore Engineering, South Stream



Markus Rieder, Head of Department Pipelines, TÜV SÜD Industrie Service



Prof. Dr. Jürgen Schmidt, Managing Director, CSE Center of Safety Excellence



Asle Venas, Global Director Pipelines, DNV GL



Heinz Watzka, Senior Advisor, EITEP Institute



Conference Management
Dennis Fandrich, Director Conferences, EITEP Institute



CONFERENCE PROGRAM

MONDAY, 23 MAY 2016

09:00-10:00 Registration (Foyer Hall C/D)

10:00-10:30 Opening (ECC Room 1)



Welcome

Dr. Klaus Ritter, President of EITEP Institute, Germany

10:30-11:00 Keynote Speech (ECC Room 1)



Keynote Speech

"The role of national and international technical associations to safeguard an environment for cost-efficient, sustainable, safe and innovative energy solutions"
Prof. Dr. Gerald Linke, Chairman of the Board of Directors, DVGW - German Technical and Scientific Association for Gas and Water, Germany

11:00-12:30 Opening Panel Discussion "Pipeline Supply Options for Europe" (ECC Room 1)



Session Chair

Heinz Watzka, Senior Advisor, EITEP Institute, Germany



Panelist

Fuad Ahmadov, CEO, SOCAR MIDSTREAM, Azerbaijan



Panelist

Arno Bux, CCO, Fluxys, Belgium



Panelist

H.E. Dr. Ali Majedi, Ambassador, Embassy of the I.R. of Iran to Germany, Germany



Panelist

Asle Venas, Global Director Pipelines, DNV GL, Norway

12:30-14:00 Lunch Break in the Exhibition Hall



+ Scientific Advances Poster Session
(13:30-14:00)

MONDAY, 23 MAY 2016

Pipeline Track 1

Session Chair: Andreas Döhner, Head of Consulting and Business Development, GEOMAGIC, Germany

14:00-15:15 (ECC Room 1)

Session 1.1 Integrity Management

"Asset Management of High Pressure Installations: Project GRAID - an innovation project to develop a robotics system for internal inspection of buried pipework"
Gary Senior, Pipeline Integrity Engineers Ltd, United Kingdom

"Pipe features identified during inline inspection using MFL pigs"
Dr. Hossein Karbasian, Salzgitter Mannesmann Forschung, Germany

"Pipeline Corrosion Assessment and Fitness for Service"
Guy De Meurechy, Seikowave Inc., United States

Pipeline Track 2

Session Chair: Michael Schad, Director Sales Pipelines International, Denso, Germany

14:00-15:15 (ECC Room 2)

Session 2.1 Coating / Corrosion

"Introduction of a new field-applied corrosion system designed for pipelines"
Michael Schad, DENSO GmbH, Germany

"New Technologies Data Management - VintriPLANT & Shawcor Case Study"
Neil Uppal, Shawcor, United States

"Testing non-shielding coating"
Luc Perrad, ExParTech, Belgium

Pipeline Track 3

Session Chair: Dirk Strack, Technical Director of TAL Group, Deutsche Transalpine Oelleitung, Germany

14:00-15:15 (ECC Room 3)

Session 3.1 Leak Detection

"Pipeline Leak Detection System Optimization Using Model Based Approaches"
Axel Hundertmark, KROHNE Messtechnik, Germany

"Challenges in Implementing a Software Based Leak Detection System in a Brownfield Environment"
Szilárd Szelmann, Yokogawa, Hungary
Ferenc Péterfalvi, Manager, MOL PLC., Hungary

"Hot tapping and product theft on pipelines: A way to detect and locate these spots during normal operation"
Rene Landstorfer, GOTTSBERG Leak Detection GmbH & Co. KG, Germany

Construction Track

14:00-15:15 (ECC Room 4)

Session 10 Special Discussion: Legal impact on the construction of pipelines

Session Chair / Panelist:



Heinz Watzka, Senior Advisor, EITEP Institute / former Managing Director Technical Services, Open Grid Europe, Germany

Panelist:



Anne Pieter Dijk, Project Manager, Max Streicher, Germany

Panelist:



Dr. Nicolai Ritter, Lawyer and Partner, CMS Hasche Sigle, Germany

Pipe and Sewer Track

Session Chair: Klaus-Peter Gießler, Pipeline Technology Consultant, Germany

14:00-15:15 (ECC Room 5)

Session 13.1 Inspection

"Preventive Gas Leak Detection in Germany - sample of no value or benchmark for the industry?"
Ulrich Steinacker, Schütz GmbH Messtechnik, Germany

"Pipe robots for internal inspection of pipelines - Ultrasonic wall thickness determination in district heating lines"
Alexander Reiss, INSPECTOR SYSTEMS GmbH, Germany

"Cable-less TV-Inspection of Pipelines with Integrated Leak Detection"
Michael Huainig, MTA Messtechnik GmbH, Austria

15:15-15:45 Coffee Break in the Exhibition Hall

15:45-17:30 (ECC Room 1)

Session 1.2 Integrity Management

"CATES (Consequence Assessment Tool for Emergency Situation)"
Olivier Baldan, DNV GL, Norway

"Predicting the Future - Applying Corrosion Growth Rates Derived from Repeat ILI Runs"
Jane Dawson, PII Pipeline Solutions, a GE Oil & Gas and Al Shaheen joint venture, United Kingdom

"How MFL Inspection data contribute to Integrity Management of Difficult-to-Pig Pipelines"
Peter van Beugen, Pipesurvey International, The Netherlands

15:45-17:30 (ECC Room 2)

Session 2.2 Coating / Corrosion

"Pipeline Monitoring by Intelligent High Performance Elastomer Coatings"
Dr. Michael Magerstädt, ROSEN Group, Switzerland

"Innovative coatings and linings resisting mechanical and chemical wear"
Dr. Friedrich Karau, DUKTUS Rohrsysteme GmbH, Germany

"The Corrosion Control Technology for High H2S and CO2 Content Natural Gas Gathering and Transportation System"
Dr. Li Du, Sinopec, China

"Development of a Remote Cathodic Protection Potential Measuring System Based on IoT"
Dr. Young-don Ryou, Korea Gas Safety Corporation, South Korea

15:45-17:30 (ECC Room 3)

Session 3.2 Leak Detection

"Current topics of odorizing in Germany"
Kerstin Kröger, DVGW-Forschungsstelle am Engler-Bunte-Institut des Karlsruher Instituts für Technologie (KIT), Germany

"Challenges to Achieve Reliable Hydrocarbon Leak Detection. Evaluation of Different External Leak Sensing Systems: Existing Technologies vs. New Sensing Cable Technology"
Raul Risi, TTK, France

"Theft detection and tapping point location using multi-method technology"
Dr. David Dingley, Atmos International, United Kingdom

Session Chair: Dr. Prodromos Psarropoulos, Structural & Geotechnical Engineer, National Technical University of Athens, Greece

15:45-17:30 (ECC Room 4)

Session 11.1 Planning & Construction

"Innovations and Technological Developments in Long Distance Water Transmission Systems - Case Study of Riyadh, Saudi Arabia"
Alexander Heinz, ILF Consulting Engineers, Austria

"UK Military Onshore and Offshore Pipeline Systems - Past, Present and Future Challenges"
Richard Costen, Kellogg, Brown and Root, United Kingdom

"Engineering Piping systems and spool prefabrication to enhance plant construction productivity and quality"
M. Kannappan, DEE Piping Systems, India

"Hydrostatic Test Plugs"
A.G.C.M. (Ron) de Rijk, EST Group B.V., The Netherlands

15:45-17:30 (ECC Room 5)

Session 13.2 Inspection

"In-Line Inspections in Gas Distribution Pipelines with Extreme Operating Conditions"
Tom Steinvooorte, ROSEN Group, Netherlands

"Field Study on Small Diameter PVC Pipe and Leak Detection Technology"
Yoshiazu Tanaka, National Institute for Rural Engineering, Japan

"Damage Detection in Natural Gas Distribution Pipeline Network Based on Vibration Signal Analysis"
Luis Antonio Zanette, Companhia Paranaense de Gás - COMPAGAS, Brazil

"An Innovative Design for Lateral Pipes in Sewer Systems"
Alaa Abbas, Liverpool John Moores University, United Kingdom



from 17:30 Get-together Party in the Exhibition Hall sponsored by ROSEN Group

TUESDAY, 24 MAY 2016

Pipeline Track 1

Session Chair: Ulrich Schneider, Business Development Manager Continental Europe, KTN

09:00-10:15 (ECC Room 1)

Session 4.1 Inline Inspection

"A Case Study How Reduced Uncertainties of Latest Enhancements in Ultrasonic Wall Measurement Ili Technology Benefit Engineering Criticality Assessments"
Stephan Tappert, PII Pipeline Solutions, Germany

"Reveal your pipeline DNA: Uncover Pipe Grade Uncertainties with ROMAT"
Thomas Eiken, ROSEN Technology and Research Center GmbH, Germany

"Recent Advancements in Ultrasonic In-Line Inspection"
Herbert Willems, NDT Global, Germany

Pipeline Track 2

Session Chair: Dr. Horst-günter Schulz, Pipeline Consulting, Germany

09:00-10:15 (ECC Room 2)

Session 5.1 Pump & Compressor Stations

"Crude Oil Pump Stations – Optimization CAPEX + OPEX"
Dr. Gerd Kloeppner, Siemens, Germany

"Energy Recovery in Crude Oil Pipelines"
Dr. Thomas Rother, ILF Consulting Engineers, Germany

"Optimization Consumption for Diesel Fuel Through Crude Oil Pumping in Western Desert, Egypt"
Dr. Hesham A. M. Abdou, Agiba Petroleum Company, Egypt

Pipeline Track 3

Session Chair: Dr. Axel Scherello, Project Leader, Open Grid Europe, Germany

09:00-10:15 (ECC Room 3)

Session 6.1 Remote Sensing

"First experiences with applying CHARM® second generation"
Dr. Axel Scherello, Open Grid Europe GmbH, Germany

"Taking-off with UAVs: Just a hype or future key technology in pipeline integrity management"
Josef Alois Birchbauer, Siemens Austria, Austria

"Automated Small Leak Detection from Hazardous Liquid Pipelines Using Multi-Platform Remote Sensing"
Maria Araujo, Southwest Research Institute, United States

Construction Track

Session Chair: Dr. Prodromos Psarropoulos, Structural & Geotechnical Engineer, National Technical University of Athens, Greece

09:00-10:15 (ECC Room 4)

Session 11.2 Planning & Construction

"Innovative socket pipe systems as an economic solution for pipeline construction"
Dr. Friedrich Karau, DUK-TUS Rohrsysteme GmbH, Germany

"Underground DC Cable Links - Implementation and Construction Challenges"
Fred Wendt, ILF Consulting Engineers, Germany

"Insights into Europe's largest deep gravity sewer project, the „Emscher Kanal"
Dr. Robert Stein, Prof. Dr.-Ing. Stein & Partner GmbH, Germany

Pipe and Sewer Track

Session Chair: Prof. Dr. Peter Hartwig, Managing Director, aqua consult Ingenieur GmbH, Germany

09:00-10:15 (ECC Room 5)

Session 14.1 Asset Management

"Optimizing investment strategies for water distribution networks"
Mike Beck, Fichtner Water & Transportation GmbH, Germany

"Benefits of a holistic water and drainage information system"
Malte Martin, Barthauer Software GmbH, Germany

"Sustainable Complete Streets - integration between urban design and underground infrastructure"
Aloisio Pereira da Silva, Federal University of Santa Catarina, Brazil

10:15-10:45 Coffee Break in the Exhibition Hall

10:45-12:00 (ECC Room 1)

Session 4.2 Inline Inspection

"Essential Parameters for Determining GAS PIPE-LINE IN-LINE INSPECTION INTERVAL"
Hossein Abdi, National Iranian Gas Co. (NIGC), Iran

"Continuous Depth Sizing of ILI Ultrasonic Crack Detection"
Dr. Marius Grigat, ROSEN Technology and Research Center GmbH, Germany

"Robotic In-Line Inspection of Piggable Pump Station Piping on Trans-Alaska Pipeline System (TAPS)"
Jonathan Minder, Diakont, United States

10:45-12:00 (ECC Room 2)

Session 5.2 Pump & Compressor Stations

"Balancing the Electric Grid with a Dual Drive Centrifugal Pipeline Compressor"
Dr. Stefan Stollenwerk, Open Grid Europe, Germany
Wolfgang Faller, Solar Turbines, United States

"Novel minimally-disruptive mitigation methods for pipe-work vibration issues"
Dr. Toby Miles, DNV GL, United Kingdom

"SGT-750 Gas Turbine Case Study Mexico"
Douglas Petrie, Dresser Rand a Siemens Company, United States

10:45-12:00 (ECC Room 3)

Session 6.2 Remote Sensing

"Airborne automatic oil leak detection - A novel approach"
Eric Bergeron, FlyScan Systems Inc., Canada

"Monitoring Pipeline Right of Way Using Optical Satellite Imagery"
Dr. Igor Zakharov, C-CORE, Canada

"Air Monitoring project – enhanced pipeline monitoring"
Vincent Fournier, AIR MARINE, France

Session Chair: Dr. Klaus Beyer, Executive Director, GSTT, Germany

10:45-12:00 (ECC Room 4)

Session 12.1 Trenchless Construction & Rehabilitation

"A Variety of Trenchless Technologies for Pipeline installation"
Michael Lubberger, Herrenknecht AG, Germany

"DTH steel casing drilling for pipeline construction in hard ground and rock conditions: technology and case examples"
Jouni Jokela, Geonex Oy, Finland

"Trenchless replacement of defective sewer pipelines using pipe bursting"
Daniel Mertens, TRACTOTECHNIK GmbH & Co. KG, Germany

10:45-12:00 (ECC Room 5)

Session 14.2 Asset Management

"Pipestatus - a project that deals with condition assessment of buried district heating and water pipes"
Mara Maria Rindelöv, Sweden Water Research, Sweden

"Asset Management and Loss Prevention Strategies for Large Diameter Pipelines"
Pedro Pina, Pure Technologies, Portugal

"Combined wastewater feed directly into final clarification – advantage for receiving rivers"
Prof. Dr. Peter Hartwig, aqua consult Ingenieur GmbH, Germany

12:00-13:30 Lunch Break in the Exhibition Hall

+ Scientific Advances Poster Session (13:00-13:30)

TUESDAY, 24 MAY 2016

Pipeline Track 1



Session Chair: Dr. Gerhard Knauf, Head of Div. Mech. Eng., Salzgitter Mannesmann Forschung / Secretary General, EPRG, Germany

13:30-14:45 (ECC Room 1)

Session 7.1 Materials

"A system for addressing the challenge of circumferential Stress Corrosion Cracking."
Roland Palmer-Jones, MACAW Engineering Ltd., United Kingdom

"Reduction of CO₂ Corrosion of API-5L by " 2-Mercapto-benzimidazole" as inhibitor"
Ahmad Zamani Gharaghooshi, Oil Ministry, Iran

"Integrity of longitudinal welds on bends – choice of relevant test methods"
Dr. Marion Erdelen-Peppler, Salzgitter Mannesmann Forschung, Germany

Pipeline Track 2



Session Chair: Ulrich Adriany, Oil&Gas Program Management Lead Europe, ARCADIS Deutschland, Germany

13:30-14:45 (ECC Room 2)

Session 8.1 SCADA & Automation

"Pipeline Scada Virtualization - a Dream or Real Lifecycle Cost Saving"
Helmut Wimmer, Siemens Austria, Austria

"Pipeline Management System "
Badr AlHussain, Saudi Aramco, Saudi Arabia

"Developments in SCADA solutions for central control rooms and multi-site infrastructure"
Martin te Lintelo, Yokogawa Europe, The Netherlands

Pipeline Track 3



Session Chair: Asle Venas, Global Director Pipelines, DNV GL, Norway

13:30-14:45 (ECC Room 3)

Session 9.1 Offshore Technologies

"Inspection of subsea pipelines with the MEC™-Combi Crawler"
Dr. Konrad Reber, Innovation Germany GmbH, Germany

"Seismic analysis and design of offshore pipelines"
Dr. Andreas Antoniou, National Technical University of Athens, Greece

"Beyond 3D: Extending life of subsea assets by applying advanced simulation and prediction"
Dr. Pawel Michalak, Fugro Roames, Australia

14:45-15:15 Coffee Break in the Exhibition Hall

15:15-17:00 (ECC Room 1)

Session 7.2 Materials

"Development of large diameter clad bend"
Elke Muthmann, Salzgitter Mannesmann Grobblech, Germany

"Material Cost Savings from Pipeline Wall Thickness Optimization—Design Case"
Ahmad M. Saif, Saudi Aramco, Saudi Arabia

"Enhancement of Mechanical Properties in High Strength Steels Coils for ERW Casing and Tubing Application"
Kwangseop Ro, SABIC, Saudi Arabia

"Intelligent Pipe Systems via the Smart Combination of Various Materials"
Dr. Thorsten Späth, egeplast international GmbH, Germany

15:15-17:00 (ECC Room 2)

Session 8.2 Repair Rehabilitation

"Long term durability of composite pipeline repairs"
James Knights, Clock Spring Company, L.P., United Kingdom

"Asset Integrity Management and the Dilemma of maintenance planning"
Christoph Schmidt, DNV GL Oil & Gas, Germany

"Mobile Compressor - responsible use of primary energies, avoidance of climate-harming methane emissions"
Christian Hadick, Open Grid Europe, Germany

15:15-17:00 (ECC Room 3)

Session 9.2 Offshore Technologies

"Deepwater NDT Technology for pipes and tubular structures"
Dr. Yoann Lage, TWI Ltd, United Kingdom

"Probability Risk Assessment in Marine Pipelines by Updating Parameters Configuration of Pyramid Tool"
Dr. Jorge González, ESIQIE-IPN (GAID), Mexico

"Assuring the Integrity of Subsea Pipeline Butt Welds through Design, Construction and Operational Life"
Harry Cotton, Wood Group Kenny, United Kingdom



from 18:00 Dinner Invitation Grunewald Hunting Lodge + Berlin Sightseeing Tour

WEDNESDAY, 25 MAY 2016

Session Chair: Dennis Fandrich, Director Conferences, EITEP Institute, Germany

09:00-10:30 Plenary Session "World Pipeline Outlook: New Technologies in Operation" (ECC Room 1)

"Iran Pipeline Industry: Capabilities, Technical-Economical Problems & Development Plans"

Hamidreza Ettelaie, Iranian oil Pipeline & Telecommunication Co., Iran

"Fighting Corrosion on an Ageing Pipeline"

Markus Seitz, APA Group, Australia

"BIL - Germany's approach to implement a cost-free digging request portal"

Jens Focke, BIL eG, Germany

10:30-11:00 Coffee Break in the Exhibition Hall

11:00-12:30 Closing Panel Discussion "What's next? Current Challenges and Future Fields for the Global Pipeline Industry" (ECC Room 1)



Session Chair

Tobias Walk, Director of Projects – Pipeline Systems, ILF Consulting Engineers, Germany



Panelist

"Challenges in Network Operations"

Dr. Thomas Hüwener, Managing Director Technical Services, Open Grid Europe / Vice President, Gas, DVGW - German Technical and Scientific Association for Gas and Water, Germany



Panelist

"Collaborative Approach to Pipeline Safety & Integrity"

Cliff Johnson, President, PRCI - Pipeline Research Council International, USA



Panelist

"Internet of Things Technologies in the Pipeline Industry - Main Advantages and Cyber Security Challenges"

Serhii Kononov, Global Energy/O&G Lead / IoT Vertical Solutions Group, Cisco, United States



Panelist

"Life-Cycle Extension Strategies with Pipeline Integrity Management"

Hermann Rosen, President, ROSEN Group, Switzerland



Panelist

"DC cables – the next big market for underground technologies"

Dr. Christoph Thiel, Overall Project Manager SuedLink, TenneT TSO GmbH, Germany

12:30-12:40 Closing Remarks (ECC Room 1)



Closing Remarks

Heinz Watzka, Senior Advisor, EITEP Institute, Germany

12:40-14:00 Closing Lunch Break in the Exhibition Hall

14:00-15:45 Post-Conference Workshops

SCIENTIFIC ADVANCES POSTER SESSION

MONDAY, 23 MAY 2016, 13:30-14:00 + TUESDAY, 24 MAY 2016, 13:00-13:30 (WITHIN THE EXHIBITION)

latest updates on present and upcoming research activities from universities and research institutions around the world

- [1] "The influence of Bourdon effect and Ovalization effect on the stress distribution on pipe elbows"
Diana Abdulhameed, University of Alberta, Canada
- [2] "Detection of Defects in Spiral/Helical Pipes Using RF Technology"
Dr. Wissam Alobaidi, University of Arkansas at Little Rock, United States
- [3] "Investigating the response of rigid pipes with poor haunch support subjected to traffic live load using numerical modelling"
Saif Alzabeebee, University of Birmingham, United Kingdom
- [4] "Physicochemical effect of different types soils from México in the SCC of low carbon pipeline steels"
Dr. Antonio Contreras, Mexican Petroleum Institute, Mexico
- [5] "A Proposal Procedure to Estimate the Hydrogen Induced Cracking Growth Rate"
Dr. Jorge Luis González Velázquez, National polytechnic Institute, Mexico
- [6] "Experimental Setup Design for Observing Response of Three Different Networks used in Energy Management and Leak Detection"
Prof. Dr. Ahmet Koyun, Yildiz Technical University, Turkey
- [7] "Developing a 3D Spatial Pipeline Data Model towards Web-based 3D Pipeline GIS Application"
Dr. Zhenpei Li, University of Western Ontario, Canada
- [8] "Challenges of Geotechnical Engineering Studies of Pipelines in the Gulf Of Mexico, New Challenges to Pipeline With High Temperature and High Pressure"
Mario de Jesus Mireles, Mexican Petroleum Institute, Mexico
- [9] "SAInt - A simulation tool for analyzing the consequences of gas supply disruptions"
Kwabena Addo Pambour, University of Groningen, The Netherlands
- [10] "Implementation and evaluation of the joint trench model (Infravias system) – Sapiens Parque Project"
Aloisio Pereira da Silva, Federal University of Santa Catarina, Brazil
- [11] "A smart decision-support GIS-based tool for the optimization of pipeline routing taking into consideration the potential geohazards"
Dr. Prodromos Psarropoulos, National Technical University of Athens, Greece
- [12] "Pipeline monitoring and third-party damage assessment by multi-platform sensor networks"
Prof. Luigi Zeni, Second University of Naples, Italy

SOCIAL PROGRAM

GET TOGETHER PARTY

MONDAY, 23 MAY, 17:30
EXHIBITION AREA

SPONSORED BY **ROSEN**
empowered by technology

BACKGROUND

On the evening of Conference day 1 the traditional "Pipeline Technology Conference Get-together" takes place directly within the exhibition and catering area. All conference delegates are not only granted free entry but also a complimentary supper and drinks while being entertained by live-music.

Please keep the get-together invitation you receive upon registration at the conference. It will contain your personal win code for this year's get-together raffle.

PARTICIPANTS

All registered delegates, exhibitors and sponsors of the 11th Pipeline Technology Conference.

Dress code: Business casual



DINNER INVITATION

TUESDAY, 24 MAY, 18:00
GRUNEWALD HUNTING LODGE
+ BERLIN SIGHTSEEING TOUR

BACKGROUND

Busses for the Grunewald Hunting Lodge (Jagdschloss Grunewald) will depart from Estrel Hotel at 18:00. The **Grunewald Hunting Lodge** has been built 1543 on the shores of Lake Grunewaldsee, where it served as an exclusive royal hunting lodge. It is the oldest Berlin palace still in existence. Today the palace houses an important **art collection** (guided tours available). The participants will enjoy a cozy **barbecue** right in front of the picturesque castle. Participants are invited to prove their "hunting skills" at an **archery range**. Busses returning to the Estel Hotel will depart from 22:00. On their way back the participants will get some insights into **Berlin by night** during a bus sightseeing tour through both historic and modern Berlin.

PARTICIPANTS

All pre-registered delegates, exhibitors and sponsors of the 11th Pipeline Technology Conference and invited guests from governmental bodies. Registered ptc delegates might take along their spouse/partner at an extra charge of 50 €.

Dress code: Smart casual



POST-CONFERENCE WORKSHOP

WEDNESDAY, 25 MAY 2016, 14:00-17:00, ESTREL BERLIN, ROOM 30241

PIPELINE LEAK DETECTION

Demand for pipeline leak detection and location systems is increasing rapidly. Unfortunately general knowledge about these systems is still limited and the view that these systems 'will only detect catastrophic leaks' or 'give false alarms all the time' is still heard regularly. This view may be the result of bad experience in the past, unrealistic expectations, or a combination of the two.

This workshop shows the benefits of using a leak detection system which combines several API 1130 technologies into one system. Following an introduction to the principles behind PipePatrol E-RTTM and its model supported, statistical classification method, field data is presented to show the capabilities of the system in a real-world, operational environment. It will be shown that modern leak detection systems do allow leak detection without false alarms, on liquid and even on gas pipelines operated in dynamic (transient) conditions. Historical Data will be used to show capabilities of the system while simulating a leak test in real-time. The results of this life demonstration will be discussed. Performance of an average leak detection time of 300 seconds for leaks



AGENDA

14:00 Welcome

14:00-15:00 Basics of pipeline leak detection

The first part of the workshop describes the basic fundamentals of pipeline leak detection systems. Overview of leak detection systems: models, comparison, technical possibilities and limitations, how to reduce false alarms to practically zero. Description of typical LDS System and SCADA architectures. International rules and standards are also part of this presentation, many practical examples and references are given.

15:00-15:30 Break

15:30-17:00 Practical Training

In the second part pipeline details from attendees of the workshop will be used to design respective leak detection systems. Technical limits and possibilities, e.g. realistic response times as well as detection accuracy, will be calculated during the workshop. Concepts are introduced that can achieve remarkable leak detection results in real-world applications while minimizing overall cost.

17:00 End of training / Discussion

REGISTRATION

If you wish to participate in this free workshop, please register yourself at the KROHNE exhibition booth during the Pipeline Technology Conference or register in advance via pipeline-conference.com/workshops/pipeline-leak-detection

SEMINARS

THURSDAY, 26 MAY 2016 - FRIDAY, 27 MAY 2016, 09:00-17:00, ESTREL BERLIN, ROOM 30241



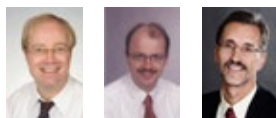
The course will provide an in-depth introduction into the subject and importance of pipeline inspection and integrity management. Delegates will learn about the need for pipeline inspection and the use of inspection for the analysis of the pipelines integrity and fitness-for-purpose.

The course will introduce the flaws and anomalies observed in pipelines. Suitable external and internal inspection technologies will be introduced including the strength and weaknesses of the non-destructive testing principles applied.

The material cover details on a pipeline inspection operation, including pipeline preparation, cleaning, gauging.

Final Reports, Reporting Formats are discussed. The course also includes a short introduction into integrity assessment.

Lecturers: Dr. Michael Beller, Dr. Konrad Reber, Ulrich Schneider



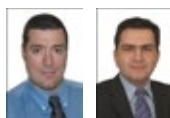
The course will provide an in-depth introduction into the subject and importance of Geohazards and Geotechnics during the stages of evaluation, design, construction and operation of a pipeline.

Delegates will learn about the need for Geohazard Assessment and Geotechnical Engineering in relation to the route selection and the pipeline integrity. Additionally, potential protection measures and/or monitoring techniques will be presented.

The main disciplines that will be presented during the course are Engineering Geology, Soil Mechanics, and Rock Mechanics, while special emphasis will be given on Slope Instabilities and Stabilization Methods.

Since many countries worldwide are characterized by moderate or high seismicity, the course will also introduce the topics of Geotechnical Earthquake Engineering and Pipeline Seismic Design.

Lecturers: Dr. Andreas Antoniou, Dr. Prodromos Psarropoulos

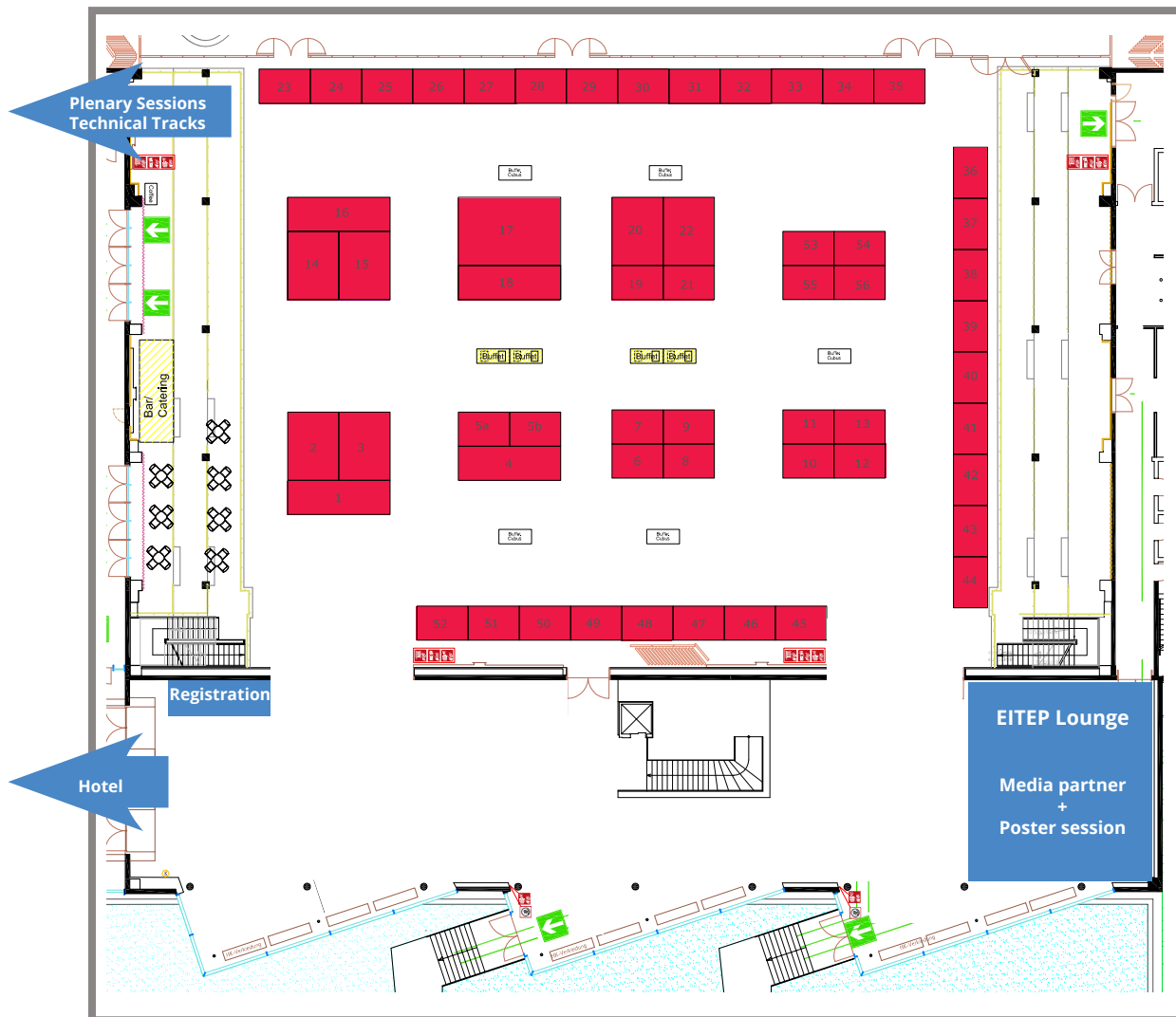


SPECIAL PRICE FOR PTC DELEGATES

- Each 2-days seminar 1,300 Euro + VAT only (incl. seminar documentation, catering, dinner invitation, certificate)
- Registration Deadline: 28 April 2016
- Visit www.pipeline-conference.com/seminars for details



FLOOR PLAN



24 sqm: 17

12 sqm: 1,2,3,4,14,15,16,18,20,22

6 sqm: all other stands



latest version of this floor plan is available online

EXHIBITOR LIST

(status as of 10 May 2016, latest updates available online)

Company	Country	Stand
A.Hak Industrial Services	The Netherlands	49
Aegis 2k	Italy	6
AIR LLOYD	Germany	4
AMETEK - Division Creaform	Germany	43
Amex GmbH	Germany	56
Applus RTD Deutschland	Germany	30
Atmos International	United Kingdom	46
Barthauer Software	Germany	45
BIL eG	Germany	5b
Borna Electronics Co.	Iran	17
Clock Spring Company	United States	51
DEE Piping Systems	India	41
DEHN +Söhne	Germany	34
Denso	Germany	52
DNV GL	Norway	9
Duktus Rohrsysteme Wetzlar	Germany	50
DVGW	Germany	18
Evonik Resource Efficiency	Germany	20
Geonex	Finland	2
GOTTSBERG Leak Detection	Germany	7
GSTT	Germany	20
Herrenknecht	Germany	19
HIMA Paul Hildebrandt	Germany	35
ILF Consulting Engineers	Germany	39+40
Kebulin-gesellschaft Kettler	Germany	23
Krohne Messtechnik	Germany	5a
KTN	Norway	38
MAX STREICHER	Germany	33
MEFS	Germany	53
Metalyte Pipeworks	United Kingdom	10
Monti - Werkzeuge	Germany	37

Company	Country	Stand
mts Perforator	Germany	47
NDT Global	Germany	3
OMS	United Kingdom	1
OZ Optics	Canada	48
Pak gostar Parand	Iran	17
Pars Pamchal	Iran	17
Parto Azmoon Azar	Iran	17
Pergam Suisse	Switzerland	24
PETRO IT	India	26
PII Pipeline Solution	United Kingdom	16
Pipeline Monitors	Iran	17
Pipesurvey International	The Netherlands	42
PLIDCO	United States	44
Polyguard Products	United States	29
PPSA	United Kingdom	12
PSI AG	Germany	28
Pure Technologies	Canada	55
Quest Integrity	Germany	32
RAM-100 International	United States	54
ROSEN Europe	The Netherlands	14+15
Savay	Iran	17
Schneider Electric	Canada	21
Schütz Messtechnik	Germany	13
Seal For Life Industries	The Netherlands	36
Seikowave	United States	8
Shawcor (Pipeline Performance)	The Netherlands	27
Siemens	Germany	25
Symrise	Germany	31
Tracto-Technik	Germany	20
TTK SAS	France	22
Yokogawa Europe Solutions	The Netherlands	11

EXHIBITOR PROFILES

PLATINUM SPONSOR

ROSEN

empowered by technology

ROSEN is a leading privately owned company serving the oil and gas industry with inspection, integrity, and rehabilitation products and services. For over 30 years, ROSEN has provided the industry with advanced inspection and integrity solutions to ensure safe and economical operation of a wide range of assets and facilities. The ROSEN Group operates in more than 100 countries and employs over 2,000 people. Founded by Hermann Rosen in Germany in 1981, ROSEN has been headquartered in Switzerland since 2000. In September 2011, ROSEN celebrated its 30th anniversary.

Today, ROSEN not only serves the oil and gas industry but also provides a wide range of sophisticated and innovative products and system solutions to engineering industries such as aerospace, marine, transportation and security. ROSEN also has the expertise and equipment to inspect utility assets such as telecommunication towers, wind turbines, transmission towers, rail wheels and water distribution systems.

Products & Services: • Pipeline cleaning and inspection services • Pipeline cleaning tools, accessories and spare parts • Pipeline rehabilitation services • Cleaning of tanks • Plant & terminal inspection (tanks and other structures in refineries, processing plants, tank farms, etc.) • Inspection

of utility assets such as telecommunication towers, wind turbines, transmission towers, rail wheels and sea-going vessels • Inspection of fresh water systems • Standard and customized solutions for a wide range of engineering industries (security devices, intelligent plastic solutions, pipe coating) • Integrity management services and software solutions.

www.rosen-group.com

GOLDEN SPONSORS



CONSULTING ENGINEERS

ILF Consulting Engineers is a 100% independent, fully private owned engineering and consulting

company with more than 40 years of experience and ranks among the world's top engineering companies in its core areas of expertise - oil & gas, energy & climate protection, water & environment and transport & structures. ILF provides comprehensive, full-scope services for major industrial and infrastructure projects and combines world class consulting expertise and a broad international background with project-specific know-how and an in-depth understanding of local requirements due to a stable, long-established presence in its markets.

www.ilf.com

NDT GLOBAL

NDT Global is a leading supplier of ultra-sonic

pipeline inspection and pipeline integrity management. The company counts about 500 specialists based in Canada, Germany, Malaysia, Mexico, Russia, Singapore, UAE and USA. Its state-of-the art inspection fleet provides the entire inline inspection service spectrum for onshore and offshore pipelines worldwide. First Run Success, best data quality and fast report delivery are key benchmarks. A skilled engineering and project management team, complemented by one of the best data analysis teams in the industry, has inspected and analyzed millions of kilometers of pipelines worldwide.

www.ndt-global.com



PII Pipeline Solutions
a GE Oil & Gas and Al Shaheen joint venture

PII Pipeline Solutions is one of the industry leaders in inspection and integrity services for gas and liquid pipelines in every known environment and operating condition. From in-line inspection and integrity engineering, to revolutionary services such as UltraScan™ Duo for crack assessment and powerful data management tools, they provide the comprehensive technologies, skills and experience needed to confidently determine the present and

future condition of a pipeline. Their solutions go beyond defect detection to proactive risk assessment and threat management to maintain a balance of safety and productivity while helping pipeline operators meet stringent regulations. PII Pipeline Solutions operates globally as a joint venture between GE Oil & Gas and Al Shaheen Holdings, a wholly owned subsidiary of Qatar Petroleum. www.geoilandgas.com/pipeline-storage/pipeline-integrity-services

SILVER SPONSORS



Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organizations to advance the safety and sustainability of their businesses. DNV GL is the leading technical advisor within the pipeline industry and provides state-of-the-art pipeline integrity management software to comply, manage risk and improve asset performance. www.dnvgl.com



GOTTSCHEG
LEAK
DETECTION

GmbH&Co.KG is a family owned developer and manufacturer of one of the technical leading products in the market of ultra-

sonic leak detection pigs for pipelines. Its aim is to provide affordable state of technology products that are easy to handle and absolutely reliable in their performance for the sales market as well as for service offers. With its specialists GOTTSBERG Leak Detection can look back at nearly 40 years of experience in the field of pipeline integrity. www.leak-detection.de



Herrenknecht is a technology and market leader

in the area of mechanized tunnelling systems. As the only company worldwide, Herrenknecht delivers cutting-edge tunnel boring machines for all ground conditions and in all diameters – ranging from 0.10 to 19 meters. The Herrenknecht product range includes tailor-made machines for transport tunnels (Traffic Tunnelling) and supply and disposal tunnels (Utility Tunnelling). The company also produces state-of-the-art deep drilling rigs that drill down to depths of 8,000 meters (Herrenknecht Vertical) as well as a wide range of HDD Equipment. www.herrenknecht.de



Schneider Electric is the global specialist in energy management and automation. With revenues of €25 billion in FY2014, our

170,000 employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives. At Schneider Electric, we call this Life Is On. www.schneider-electric.com



YOKOGAWA

Co-innovating tomorrow™

Yokogawa is a leading industrial automation company and a

pioneer in the development of Integrated Pipeline Management and Safety Systems for the monitoring and control of Transport Pipelines, Grids, off-take points and Terminals. Its comprehensive solutions range from sensors (such as pressure transmitters, flow meters and analyzers) to control systems & software that improves productivity, and services that optimize pipeline lifecycle costs. It's Yokogawa's vision to realize the ideal environment. Therefore, we are developing products, applications and solutions that ensure safety, make maximum use of assets and optimize operations over the entire assets lifecycle, achieving Operational, Maintenance and Safety Excellence. Co-innovating tomorrow! www.yokogawa.com/eu

EXHIBITORS



At A.Hak Industrial Services (better known as HIS)

we provide a complete range of integrated solutions to the oil, gas and petrochemical industries around the world. Through our Pipeline, Inspection, Storage Tank and Industrial Service lines, we can assist you in every step of your plant operation.

www.a-hak.de



Aegis-2K is official licensee

for Praxair's Tracer Tight patented leak detection technology. Tracer Tight® is the industry's most accurate, reliable and sensitive method to test AST, UST, pipelines. Aegis-2k is also the sole licensee of PIMOC (Pipeline Monitoring Corp.) for its revolutionary new pipeline monitoring technology based on multi-sensor networks.

www.aegis-2k.com



Established in 1963, AIR LLOYD is an

aviation company with a national and international track record. Core sectors of today are flight operations – from pipeline monitoring to recreational and sightseeing flights – as well as helicopter sales and maintenance but also a flight school and IT-Services mainly focusing on surveillance solutions.

www.airlloyd.de



For more than 30 years, Amex is specialized in the

trenchless rehabilitation of gravity and pressure pipes for all applications. We manufacture our high-quality sealing system in Germany and our company is worldwide accepted in the NO-DIG technology.

www.amex-10.de/en/company



Applus RTD the global reference in

non-destructive testing and inspection, focused on providing total solutions to the capital-intensive, high-risk energy, utility and infrastructure industries. We provide local NDT&I services all over the world, standard as well as tailor-made, and qualified employees to ensure the quality and profitability of your assets.

www.ApplusRTD.de



Atmos International (Atmos) provides pipeline

leak detection, theft detection, and simulation technology to the oil, gas, water, and associated industries. These technologies are implemented on hundreds of pipelines in over 50 countries, including major oil and gas companies such as Shell, BP, ExxonMobil, and Total.

www.atmosi.com



For over 25 years BARTHAUER is a market leader for

professional solutions for infrastructure and water management. More than 1,000

customers are using BARTHAUER software to design, operate and manage water, sewer, pipeline and cable infrastructure networks. BARTHAUER solutions enable utility providers and engineers to manage networks more efficiently and economically.

www.barthauer.de



BIL eG has been founded as an incorporated

cooperative of 17 pipeline companies in Germany to build up a nationwide internet portal to allow digging requests by construction companies. The portal will be free of charge for enquiring partners and will deliver as-build information of the operator from adjacent pipeline corridors. All data exchange will be digital and internet based.

bil-leitungsauskunft.de



Borna Electronics Co. has estab-

lished at 1984 for production of electronic controllers and cathodic protection system equipment in compliance with NACE, EN, ASTM, IEC, DNV, IPS, and other norms and standards. We have acquired ISO 9001 at 2003 and then, IMS, HSC management system, OHSAS 18000, ISO 14001 certificates. We manufacture explosion-proof and smart TRs for CPS with remotely control and monitoring, and MMO anodes. We execute big CPS projects for pipelines and sites, based on EPC.

www.borna-co.com



Clock Spring is the

leading permanent pipeline repair solution manufacturing a 50 year DOT approved repair system of high strength corrosion resistant composite sleeves that are fast, economical, safe and easy to install requiring no cutting or welding. We also provide the Contour system a custom engineered advanced composite repair for complex geometries and tight clearances.
www.clockspring.com



Creaform specializes in portable optical 3D measurement

technologies and 3D engineering services and offers optical measurement solutions for non-destructive testing. Compared to traditional methods, the systems can significantly reduce measurement time and streamline the whole process of applications such as pipeline external corrosion analysis and pipeline mechanical damage assessment.
www.creaform3d.com



DEE primarily caters to National and Multinational

OEMs of power generation equipment, Engineering, Procurement and Construction (EPC) contractors serving power generation, oil and gas and petrochemicals sector.

DEE manufacturing range includes variety of high pressure piping systems, induction pipe bends, pipe fittings, pressure vessels and accessories like boiler headers,

boiler super heaters and economizer coils, de-super heaters and other tailor made fabricated components.

deepiping.com



DEHN, a globally electro-technical company, offers innovative products and solutions

as well as comprehensive services in the field of surge protection, lightning protection and safety equipment.

The company's continuous growth is based on more than 100 years of experience as well as highest quality standards and consistent customer and market orientation.

www.dehn-international.com



Founded in 1922, we dedicate ourselves since more than 90 years to the field protection of joints

and pipelines. Today's core business: Production of real co-extruded 3-ply corrosion prevention tapes, petrolatum tapes, heat shrinkable sleeves, jetty pile protection systems, 2-components polyurethane compounds for pipelines and infrastructures, bitumen profiles as well as innovative sealing technology for infrastructures.

www.denso.de



The Duktus Group develops, produces and

markets high-grade ductile iron pipe systems for transporting water also for special applications and challenging assembling conditions

www.duktus.com



The DVGW has been working for

the gas and water industry as an independent and unbiased technical-scientific association since 1859, the objective being to create a basis for the safe and technologically flawless supply of gas and water. The Technical Rules issued by the DVGW form the core of this basis. These rules have been devised by the various DVGW bodies and enjoy quasi-legal status, which at the same time ensures the self-administration of the industry.

www.dvgw.de



Evonik, the creative industrial group

from Germany, is one of the world leaders in specialty chemicals. Our high performance polymer VESTAMID® NRG has been tailored to produce large-diameter pipes for the oil and gas industry. Onshore and offshore alike, VESTAMID® NRG prohibits corrosion and external damage, and it replaces heavy steel.

www.evonik.de



Geonex Oy is a manufacturer of DTH steel casing drilling machines (horizontal and vertical),

and also provides services in training & consultation. Drilling method: often applied in hard ground and rock conditions; no drilling fluids; no soil deformation; no need for thrust block, target pit; no active steering (but accurate).

www.geonex.fi



The GSTT promotes

ecologically and economically exemplary grave-free building and underground line maintenance of all types.

www.gstt.de



SAFETY
NONSTOP

HIMA, manufacturer of safety-related controller, develops and

implements safety hardware and solutions worldwide. As a pipeline specialist we have 25 years of experience in pipeline operations management and control.

HIMA has developed FLOWorX, a superior software program for leak detection and localization

www.hima.de



The Kebulin Gesellschaft has manufactured field

coating materials for earth and water installed pipeline construction for over 60 years. This wealth of experience and our striving for constant improvement applies both to the continuous optimisation of existing products and also the new development of innovative products (Kebulen shrink technology).

www.kebu.de



KROHNE is a full-service

provider for process measuring technology. For pipeline transportation networks, KROHNE offers a broad range of measurement solutions. The E-RTTM based leak detection system PipePatrol is the most

sensitive internal leak detection system available, providing very fast and accurate leak detection and localisation in pipelines.

www.krohne.com



KTN AS is a technology company that

specialises in condition assessments and periodic maintenance of oil and gas pipelines. The company performs work on offshore installations and onshore terminals and process plants internationally. KTN is specially well known for their tethered tool inspection technology for challenging pipelines.

www.ktn.no



The pipeline construction sector is an essential core competence – this business sector includes for

example pipeline construction, alternative piping systems, water crossings by open and closed construction methods and is supplemented by services like pressure tests, chemical/mechanical cleaning or drying of pipelines as well as caliper pigging and construction of pigs.

www.streicher.de



MEFS is a provider of pipeline inspection services and as-

sociate products since more than 25 years and is working with highly specialized staff. MEFS offers products and services related to pipelines such as cleaning and geometry inspection, commissioning and hydro-testing, as well as engineering and consulting

services.



Metalyte Pipeworks is the UK's leading provider of

composite repair solutions for the restoration of pipe integrity and leak repair. Metalyte Pipeworks has a comprehensive range of rigorously tested composite and leak arrest solutions and has capacity to provide full management from inspection to diagnosis and resolution. Metalyte Pipeworks technicians provide a first class installation service worldwide and can offer rope access facility. Active operations are ongoing in the United Kingdom, Europe, West Africa and the Middle East.

www.metalytepipeworks.com



MONTI - Werkzeuge GmbH is a developer of hand-held tools for surface preparation.

The patented Bristle

Blaster® technology provides a surface preparation method that can replace grit blasting, achieving a cleanliness of SA 2.5 to SA 3.0 (SSPC-SP 10 / -SP5) and an anchor profile (60-85 microns on API 5L steel). For spot repair and in areas where conventional blasting processes are prohibited or not economical.

www.monti.de



Product Portfolio: Microtunneling

Systems, Thrust Boring Technique (Thrust Boring Machines, Pipe Bursting Systems, Pipe Steering Systems, Hydraulic Power

Packs, Bentonite Pumps), TBMs, Drill Pipes and Drilling Tools (OCTG Drill Pipes for Oil and Gas Field, Drill Pipes and Tools for Rotary Drilling, Drill Pipes for Horizontal Directional Drilling), Injection Technique
www.mts-p.de



OMS provide independent, specialist measurement and inspection services to the oil and gas industry. With over 10 years experience working alongside companies such as BP, Chevron, ExxonMobil, Heerema, McDermott, Shell, Subsea 7 and Technip, OMS tools and software enable pipeline operators to meet quality specifications and ensure pipeline integrity.
www.omsmeasure.com



OZ' Award Winning sensor is able to measure simultaneously strain and temperature along the entire length of a standard telecom fiber. It is ideal for monitoring large structures including oil & gas pipelines, leakages, bridges, power lines, dams, and security fences. The sensor could also be used in detecting fire, corrosion/erosion.
www.ozoptics.com



Pak gostar Parand has nearly 20 years of extensive experiences in line with supply of equipments and specialized

materials for different industries. The company is exclusive representative of products of Canadian ATOMES company in Iran that is supplier of a wide range of chemical and biological products required in upstream oil, gas, petrochemical, refinery, power and energy, water and waste water, food, agriculture and utilities industries.



Pars Pamchal Company with over forty years oldness in production of more than two hundreds groups of paint and specialized covers which are designed and manufactured in different protective paint system for using in various atmospheric and industrial conditions and are ready to give technical advice by using the services of its sale engineering unit for having the best option in the different projects, takes part in supplying the paint necessary in the national, industrial and oil & gas and water projects
www.parspamchal.com



Parto Azmoon Azar (PAA) Co. is a privately owned independent NDT and inspection company founded in 2000 in Iran. PAA Co. is active in a wide range of industrial nondestructive and inspection projects. Over 16 years PAA has grown to become a premier engineering & Inspection and NDT company with excellent performance record.

We concentrate on quality of our services and are committed to understand the requirements of our clients to achieve high quality products within project schedule and budget.
www.partoazmoon.com



Pergam Suisse AG offer products and services to assist owners and operators of natural gas pipelines to locate methane leaks in their pipeline systems. ALMA is an airborne based system targeted at natural gas gathering and transmission line above and underground! SELMA is a vehicle based system targeted at natural gas distribution networks.
www.pergam-suisse.ch



Petro IT provides best-in-class software solutions supporting the build-out, maintenance and operations of energy transportation assets. Petro IT's worldwide organization is dedicated to helping asset owners and operators improve the productivity of their systems while at the same time enhancing the safety, compliance, reliability, utilization and profitability of the life cycle of their operation.
www.petroit.com



Pipeline Monitors is a young & fast growing institute that was installed by pipeline professionals from Iranian

governmental oil & gas companies. IPM's missions: Cooperation with International and National Pipeline Companies, Research high technologies in Pipeline Industry (Corrosion, Coating, Pigging, Technical Inspection, leak detection, construction, ...), Holding special conference and seminars, Training course, Case study research, Iran oil & gas market survey for international companies, Publisher of Pipeline Book & magazine (Middle East Pipeline Magazine).

www.mepipeline.com



The Pigging Products and Services Association (PPSA) was founded in 1990 by Jim Cordell and now has over 100 members from over 20 countries, representing the pigging industry throughout the world. The Association is entirely funded by its members through their annual subscription fees. Its aims are, "To promote the knowledge of pigging and its related products and services by providing a channel of communication between the members themselves, and with users and other interested parties". PPSA plays a major role in providing information and sourcing equipment and services, for pipeline operators and the industry generally and responds to hundreds of enquiries each year.

www.ppsa-online.com



Pipesurvey International is a service provider for intelligent pigging and pipeline integrity. Our small

and flexible company has set high standards to versatile inspection tools and software. Pipesurvey technology is tailored for the new frontiers of nowadays inspection requirements. This includes application of bi-directional, multi-dimensional, high temperature and low/high flow regime pigging.

www.pipesurveyinternational.com

PLIDCO®



PLIDCO®, The Pipe Line Development

Company, has been manufacturing quality pipeline repair and maintenance fittings since 1949. PLIDCO® has become the leader in the industry by focusing on the quality and safety of our fittings. PLIDCO® is ISO 9001:2008 and ISO 14001:2004 certified. Trust the original. Trust PLIDCO®.

www.plidco.com



Polyguard Products is a coatings manufacturer since 1953. Our RD-6 has been used in the North American market since 1988 and occupies a very significant part of the North American market. The RD-6 is a one layer, non-shielding coating system, simple and very fast to apply. Polyguard has unbroken sales expansion since 1992.

www.polyguardproducts.com



PSI supplies the oil, gas and chemical industries with

their market-leading pipeline monitoring and leak detection application suite. This comprehensive suite includes the world-wide #1 leak detection system that

complies with SIL, TRFL, API and industry standards. Its RTTM is one of the fastest and most accurate pipeline simulation technologies. The PSI team provides a full-scope and effective support world-wide.

www.psi.de



Regular and accurate leak detection is an important part of integrity programs for Oil and Gas pipelines. Pure's SmartBall® technology is highly sensitive tool that can identify leaks that aren't typically found using other systems. The platform is ideal for complementing existing integrity programs or as a check on non-piggable pipelines.

www.puretechltd.com



Quest Integrity Group is built on a foundation of

leading edge science and technology that has innovated and shaped industries for almost 40 years. Our highly accurate, technology-enabled inspection and assessment solutions help companies in the process, pipeline and power industries increase profitability, reduce operational and safety risks and improve operational planning.

www.questintegrity.com



RAM-100 manufactures products for integrity maintenance and pipeline repair. We offer full

circumference STEEL SLEEVES, COMPOSITE

SLEEVES and TWO-PART EPOXY COATING. Our sleeves are manufactured under ISO9000 certified processes, to match any specification, diameter and length, and comply with international standards and regulations.

www.ram100intl.com



Savay is specialized in manufacturing of all kinds

of pipeline cleaning pigs, polyurethane discs and cups, brushes as well as pipeline repair products such as split sleeve, repair clamps and etc.

www.savay.com



Schütz Messtechnik has been working

in the field of gas leak detection and the technique of gas measurement as part of the process of network revision for more than 40 years. Schütz checks gas supply networks for energy supply companies, industrial premises and biogas plants and offers also a wide range of measuring equipment.

www.schuetz-messtechnik.de



Seal For Life Industries, part of Berry Plastics

Corporation USA, is the name of known companies Anodex, STOPAQ, Polyken, Covalence, and Powercrete, who are engaged in preventing and combating corrosion, water ingress and insulation issues in the broadest possible sense.

www.sealforlife.com



Seikowave leading developer and manufac-

turer of cost-effective non-contact 3D-NDT&I solutions.

Innovative technology that acquire fast, reliable and accurate 3D measurements, analyze the data for defects and anomalies, and generate on site reports that determine fitness for service and help guide repair procedures if needed.

www.seikowave.com



Shawcor, the world's leading integrated

energy services company with a focus on five core competencies—Pipeline Coating, Welding Inspections, Composite Pipe, Oilfield Asset Management and Cables and Connectors. Shawcor operates 105 manufacturing and service facilities in 20 countries across the globe.

www.shawcor.com



Siemens - biggest portfolio

of integrated solutions for Pipelines; including Compression and Pumping solutions, Integrated SCADA & RTU, ICSS, Instrumentation, Energy management, MIS/MES, Telecom, Security Systems, Shelters ensuring optimized Total Cost of Ownership, peak efficiency operations, asset management, increased availability and key performance indicators management translating into unrivalled lifetime value.

www.siemens.com



Gasodor® S-Free by Symrise is the

first DVGW-tested, sulfur-free odorant in the world setting completely new standards for the odorization of natural gas. Symrise is a global supplier of fragrances,

flavorings, cosmetic base materials and substances, as well as functional ingredients for manufacturers of perfumes, cosmetics, food and beverages, the pharmaceutical industry and producers of nutritional supplements and pet food.

www.symrise.com



TRACTO-TECHNIK develops and builds machines for the underground installation and

trenchless renewal of pipelines including GRUNDORAM pipe ramming machines for the economic installation of open steel pipes as casing or product pipes up to 4000 mm diameter over lengths up to 80 m in soils of the classes 1 - 5 (partly even class 6) without jacking abutments and for HDD Assist & Rescue techniques.

www.tracto-technik.com



TTK is a French company who develops and

manufactures, since 1989, liquid leakage detection systems based on addressable sensing cables.

All types of liquid can be detected (product sensing technology) : water, acid and bases, hydrocarbons, petrochemical compounds. TTK Oil Sense Cables, FG-OD, are addressable, re-usable, multi-leaks, unaffected by water.

www.ttkuk.com



EUROPE'S BIGGEST PIPELINE EVENT

THE ANNUAL GATHERING OF THE INTERNATIONAL PIPELINE COMMUNITY IN THE HEART OF EUROPE

After starting as a small side event of the huge HANNOVER MESSE trade show in 2006 in Hannover, the Pipeline Technology Conference developed into Europe's largest pipeline conference and exhibition. Since 2012 the EITEP Institute organizes the ptc on its own and moved the event to Berlin in 2014. The 11th ptc will again be a record breaking event.

OPERATORS

INCREASING SHARE

Over the last years the number of delegations from different pipeline operators increased steadily. At the last ptc more than 100 delegates from 50 different national and international pipelines operators came to Berlin.



TRULY INTERNATIONAL

64% OF THE PTC DELEGATES ARE COMING FROM ABROAD (EUROPE, MIDDLE EAST, NORTH AMERICA, SOUTH AMERICA, ASIA, ETC.)

ptc is a truly international event with only 37% of the delegates coming from Germany. In 2015 delegates from 49 different countries attended the 10th ptc in Berlin. The share of delegates from abroad is increasing from year to year.



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VISIT BERLIN

THE THRIVING GERMAN CAPITAL

Berlin is more than 775 years old and over the decades, all generations have left their monuments and landmarks in town.

GENERAL INFORMATION

ACCOMMODATION

ESTREL BERLIN
Sonnenallee 225
12057 Berlin
Germany
www.estrel.com

Booking
Phone: +49 30 6831 0
hotel@estrel.com

A limited contingent of rooms is reserved until 22.02.2016. Please contact the hotel directly and make your own reservation as soon as possible with reference to "ptc 2016".

Room rates per night *
Single Room: 149.00 Euro
Double Room: 181.00 Euro

* including breakfast and free wi-fi

The hotel rooms are located within walking distance to the Pipeline Technology Conference venue.

OFFICIAL E-JOURNAL



The Pipeline Technology Journal (ptj) covers reports about research, industry and practice, presentation of innovative concepts and technologies, special reports about pipeline safety as well as the upcoming event calendar.

It will be sent to more than 28,000 international decision makers and experts of the pipeline industry. Hard copies will be handed out at international pipeline events.

www.pipeline-journal.net



QUICK FACTS



ORGANIZER

EITEP - Euro Institute for Information and Technology Transfer • Am Listholze 82 • 30177 Hannover • Germany • www.eitep.de



CONFERENCE MANAGEMENT

Dennis Fandrich, +49 511 90992-22, fandrich@eitep.de



VENUE

ESTREL BERLIN • Convention Center • Sonnenallee 225 • 12057 Berlin • Germany • www.estrel.com



DELEGATE FEE

820Euro + VAT (regular, till 30 Apr. 2016)
80 Euro + VAT (student, till 30 Apr. 2016)



LANGUAGE

English



OFFICIAL E-JOURNAL

Pipeline Technology Journal (ptj)
www.pipeline-journal.net

Please return form to:
Fax +49 511 90992 69, Email: ptc@eitep.de

Questions? Contact Mr. Dennis Fandrich on +49 511 90992 22

EXHIBITOR REGISTRATION

PIPELINE TECHNOLOGY CONFERENCE & PIPE AND SEWER CONFERENCE 2016

23-25 May 2016, Estrel Berlin, Berlin, Germany
Exhibition Stand Booking Form

EXHIBITOR	
Company	
Title / First Name / Last Name	
Position	
Address	
Postcode / City	
Country	
Phone / Fax	
Email	

EQUIPPED STANDARD BOOTH		
<input type="checkbox"/> 6 sqm, 4,200 € + VAT	<input type="checkbox"/> 18 sqm, 9,200 € + VAT	<input type="checkbox"/> 36 sqm, 16,700 € + VAT
<input type="checkbox"/> 12 sqm, 7,700 € + VAT	<input type="checkbox"/> 24 sqm, 11,700 € + VAT	____ sqm, 4,200 € (for 6 sqm) + 2,500€ (per additional 6 sqm unit) + VAT

included services: walls, 1 table, 2 chairs, power supply, wastepaper basket, **3 free-of-charge conference registrations (for your staff and/or invited guests)**, 1/4 page advertisement within conference proceedings, logo + link + profile on conference website, logo + link + profile in conference program, discount on advertisements in "Pipeline Technology Journal", opportunity to publish company news in ptj newsletter and on ptj website (subject to availability)

Please choose your preferred stand number(s): _____ (first come, first serve)

VAT No. (if applicable): _____

Signature

Date

Due to space limitations in the exhibition hall this offer is subject to availability. Exhibition bookings are not considered CONFIRMED until payment is received. Fees are payable after receipt of invoice.

Please return form to:
 Fax +49 511 90992 69, Email: ptc@eitep.de
 or use our online registration
 Questions? Contact Mr. Dennis Fandrich on +49 511 90992 22

DELEGATE REGISTRATION

PIPELINE TECHNOLOGY CONFERENCE & PIPE AND SEWER CONFERENCE 2016

23-25 May 2016, Estrel Berlin, Berlin, Germany

Delegate Registration Form

DELEGATE

Company	
Title / First Name / Last Name	
Position	
Address	
Postcode / City	
Country	
Phone / Fax	
Email	

	till 31 Dec. 2015	till 30 Apr. 2016	after 30 Apr. 2016
<input type="checkbox"/> Regular	740 Euro + VAT	820 Euro + VAT	920 Euro + VAT
<input type="checkbox"/> Students *	60 Euro + VAT	80 Euro + VAT	100 Euro + VAT

* please attach certificate of enrolment

<input type="checkbox"/> yes <input type="checkbox"/> no	I will take part at the dinner invitation on 24 May (included in the registration fee)
<input type="checkbox"/> yes <input type="checkbox"/> no	I would like to take along my spouse/partner to the dinner invitation on 24 May (at an extra charge of 50 Euro + VAT / only available for "Regular" registrations)

Group packages available on request

Participation fee includes: entrance to conference and exhibition (Pipeline Technology Conference and Pipe and Sewer Conference), printed proceedings, lunch, beverages, snacks, tickets for get-together (23 May) and dinner invitation (24 May)

German VAT: 19%

Entry conditions: Payment has to be made before the conference. Conference registrations can be cancelled (in writing only) at a service charge of 80 Euro up to 6 weeks before the event. In case of later cancellation or failure to attend the entire attendance fee will be payable. The registered delegate may nominate a substitute at no additional cost. The organisers reserve the right to amend the program of events if necessary. The delegate acknowledges that photographs and videos taken at the event may be used in future promotional activities.

PAYMENT METHOD

☒ By bank transfer after receipt of invoice (only possible until 30 April 2016, later registrations have to be made via credit card)



For credit card payment, please use our registration form at
www.pipeline-conference.com/registration
www.pipeandsewer.com/registration

Signature

Date



11TH PIPELINE TECHNOLOGY CONFERENCE & 1ST PIPE AND SEWER CONFERENCE

23-25 MAY 2016

ESTREL CONVENTION CENTER, BERLIN, GERMANY

WWW.PIPELINE-CONFERENCE.COM / WWW.PIPEANDSEWER.COM

SUPPORTERS



MEDIA PARTNERS

