

# DCA-Europe 23<sup>rd</sup> Annual Congress

„HDD towards 4.0“

17<sup>th</sup> - 19<sup>th</sup> October 2018



sponsored by:



Drilling Contractors Association (DCA-Europe)  
Verband Güteschutz Horizontalbohrungen e.V.  
Association des Entrepreneurs de Forage Dirigé

Frankfurt 2018



## Preface

Dear Ladies and Gentlemen, Dear Members of the DCA,

I would like to cordially invite you to our annual congress, this year in Oberursel near Frankfurt on the Main, and am looking forward to welcoming you there from October 17 - 19. Oberursel is a small town northwest of the Main metropolis that is reachable within ca. 20 minutes. Since the Middle Ages, Frankfurt on the Main belongs to Germany's most significant cities. Today it is one of the world's most important financial centres, is home of numerous banking houses and many sports associations, and is a European traffic junction. Its airport is one of the world's largest, and also many railway and motorway links meet in Frankfurt. Beyond this here the highest-throughput internet nodes worldwide are located.



This provides me now with a connection to our annual congress and its title "HDD towards 4.0". Everyone is talking about digitization. Digitisation influences the technology of directional horizontal drilling; on the one hand by very good numbers of orders and enquiries in the field of broadband expansion. Capacity bottlenecks, however, already pose major challenges for both, contractors and clients. On the other hand digital technology provides new options for control systems, automation, data collection and data transfer on the equipment and machinery used in directional horizontal drillings, as well as during project preparations. However, all these collected and transferred data have to be evaluated.

"Information is the oil of the 21st century, and analytics is the combustion engine!"

Peter Sondergaard, vice-president Gartner Inc.

Among other things we want to discuss with you at our annual congress how we can manage now and in future to make use of the chances of the digital technology to bring the "horsepower of the HDD technology" on the road in an effective way. Apart from our professional programme, we are hoping that we could arouse your interest also with our social programme and an attractive venue. I thank all those involved in organisation and programme planning, as well as the again numerous sponsors.

It would give me great pleasure to welcome you at our annual congress in October and wish all of us some beautiful summer days and successful HDD projects.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'M. Schnau', written in a cursive style.

Marc Schnau, President

## Congress theme: „HDD towards 4.0“



“Internet of Things” - how does that affect our daily life?

Fibre optic expansion at EWE NETZ: Technical status of installation processes incl. future prospects

Comprehensive Insurance solutions for construction in particular HDD-projects

interesting HDD-Projects

and **two Workshops** to the topics:

HDD-Small Scale drilling / Requirements in the DCA guidelines  
and  
Digitisation/automation

Congress Language: English  
Simultaneous translation: German and English

## Wednesday/Thursday

## Wednesday, 17th of October 2018

- 11.30 – 18.00**                    „**Check in**“  
at Dorint Hotel Oberursel
- 13.00**                        **Lunch** at Dorint Hotel Oberursel
- 14.30**                        „**Discover Frankfurt**“



- 19.30**                        „**Cocktail reception**“  
sponsored by Dorint Hotel Oberursel
- 20.00**                        **Dinner** at Dorint Hotel Oberursel

Thursday, 18<sup>th</sup> of October 2018

- 09.00**                        **Welcome**  
Dipl.-Geol. Dietmar Quante,  
Executive Secretary DCA-Europe
- 09.15**                        **Welcome**  
Dipl.-Ing. (FH) Marc Schnau,  
President DCA-Europe
- 09.30**                        **“Internet of Things”- how does that af-  
fect our daily life?**  
Adri Wischmann, IoT Niederlande
- 11.00**                        **Coffee break**
- 11.30**                        **Fibre optic expansion at EWE NETZ:  
Technical status of installation pro-  
cesses incl. future prospects**  
Dipl.-Ing. (FH) Alexander Bruns,  
EWE NETZ GmbH

- 12.10**                    **Digitization in HDD, experience and implementation**  
Dipl.-Ing. Ernst Fengler,  
LMR Drilling GmbH
- 12.45**                    **Discussion**
- 13.00**                    **Lunch** at Dorint Hotel Oberursel
- 14.30**                    **Workshop 1:**  
**HDD-Small Scale drilling / Requirements in the DCA guidelines**  
Chair: Dr. Tim Jaguttis,  
de la Motte & Partner  
Dipl.-Ing. Ernst Fengler,  
LMR Drilling GmbH  
Dipl.-Ing. Marco Reinhard,  
Leonhard Weiss GmbH & Co. KG  
Language: German (Sim.: English)
- Workshop 2A:**  
**Digitisation/automation (plant engineering, mud technology, control technology)**  
Chair: Dipl.-Ing. Marc Schnau,  
Bohlen & Doyen GmbH  
Dipl.-Ing. Günter Kruse,  
LMR Drilling GmbH; Language: German
- Workshop 2B:**  
**Digitisation/automation (plant engineering, mud technology, control technology)**  
Chair: Jorn Stoelinga B. Sc  
Visser & Smit Hanab b.v  
Atef Khemiri, HDI; Language: English
- 15.30**                    **Coffee break**
- 15.45**                    **Continuation HDD Workshops until 16.30**
- 16.45**                    **Review HDD Workshops**  
Meeting DCA Board; Workshop Leader

## Thursday/Friday

- 19.00** Meeting Hotel Lobby – Transfer by bus
- 19.30** „Cocktail reception“  
at „Güterbahnhof“, Bad Homburg
- 20.00** Dinner at „Güterbahnhof“  
Bad Homburg

Friday, 19<sup>th</sup> October 2018

- 09.00** Steep slope drilling in a state winery  
Udo Harer, Josef Rädlinger  
Ingenieurbau GmbH
- 09.40** ANESE s.r.l.- Midi & Maxi Rig  
Case Histories  
Marcello Viti, ANESE s.r.l.
- 10.10** Review HDD-Workshops
- 10.30** Coffee break
- 10.50** Comprehensive Insurance solutions  
for construction, in particular HDD,  
projects  
Lutz Weidtke, Marsh GmbH
- 11.30** Re-defining boundaries in Norwegian  
hard rock  
Jorn Stoelinga B.Sc,  
Visser & Smit Hanab b.v.
- 12.15** HDD drillings for geotechnical applica-  
tions (soil engineering, tunnelling,  
drainage and rock stabilisation  
Dipl.-Geol. Dr. Hans Joachim Bayer,  
Tracto-Technik Lennestadt
- 12.45** End of program
- 13.00** Lunch at Dorint Hotel Oberursel
- 13.15** Golftournament

**Registration:**

Please use the enclosed application form (1-3) for your registration. The registration is carried out about the DCA branch office (Fax +49 (0) 241 - 90 19 299, eMail: [dca@dca-europe.org](mailto:dca@dca-europe.org)). The registration is binding. A confirmation of participation can not be send to you before the complete payment of your request of participation.

**Participation fee  
for filling the application before  
21<sup>st</sup> September, 2018**

**DCA-Members\*** **490,00 €**

Hint: participation fee for the 2<sup>nd</sup>, 3<sup>rd</sup>, ... attendee per member company **450,00 €**

**Sponsors\*** **450,00 €**

**Non-Members\*** **790,00 €**

**Exhibition** **80,00 €**  
(only DCA Members, Sponsors free)

**Companion program\*** **350,00 €**  
(only companion)

\* Inclusive costs for catering, hotel rooms not included, 50,00 Euro arrangement fee in addition if registration after the 21st September, 2018

**HDD Workshops**

Workshop 1 is primarily aimed at companies with small and medium-sized HDD drilling rigs from German-speaking countries. The board members Dr. Tim Jaguttis, Ernst Fengler and Marco Reinhard will prepare the special requirements in the DCA guidelines for this part of the HDD industry and discuss them with you. Of course, all other interested participants are also invited to participate in the workshop (simultaneous translation german/english is provided).

In Workshop 2 (2A German, 2B English) we would like to discuss with you how we can make HDD technology more effective with the possibilities of digital technologies today and in the future.

## Room Reservation

The DCA has booked a room contingent at the Dorint Hotel Oberursel. You can find the room costs below. The reservation is only available via the hotel (application form 5/6).

**Contact Hotel:**

Dorint Hotel Frankfurt/Oberursel  
Königsteiner Straße 29  
61440 Oberursel (Taunus), Germany  
Phone: +49 6171/ 2769-930

**Contingent:**

**Keyword:** DCA Annual Congress 2018

**Reservations via eMail:**

eMail: [reservierung.oberursel@dorint.com](mailto:reservierung.oberursel@dorint.com)



Single Room\* 159,00 Euro

Double Room\* 169,00 Euro

\*price per night including breakfast. The room prices are only valid in connection with the congress mentioned above. Any early arrival or extensions are possible depending on availability.



**Wednesday, 17<sup>th</sup> of October 2018**

- 13.00 Lunch at Hotel Dorint
- 14.30 „Discover Frankfurt“
- 19.30 Cocktail Reception at Hotel Dorint
- 20.00 Dinner at Hotel Dorint

**Thursday, 18<sup>th</sup> of October 2018**

- 09.00 Start by bus to the „Weibertour“, Frankfurt
- 12.45 Lunch at the MAIN-Tower
- 16.00 Return to Hotel Dorint
- 19.30 Cocktail Reception at „Güterbahnhof“  
Bad Homburg
- 20.00 Evening event at „Güterbahnhof“  
Bad Homburg

**Friday, 19<sup>th</sup> of October 2018**

- 09.00 - Leisure time
- 12.00
- 13.00 Lunch at Hotel Dorint
- 13.15 Golftournament

**Frankfurt, financial metropolis on the Main**

The city of Frankfurt, dynamic and international financial and trade fair city, welcomes visitors with its imposing skyline and medieval history.

On **the first day of the conference** you will immerse yourself in the medieval history of the city in the course of a city tour with a merry end.

On Thursday, **the second day of the conference**, the "Weibertour" invites participants to a diverse, completely different Frankfurt. Get to know the city from the perspective of women with interesting jobs. Find out interesting, new and proven things in the course of a city tour.



**The third day of the conference** is free to use. In the afternoon the traditional Golf tournament is planned.



**Ditch  
Witch**<sup>®</sup>

[www.ditchwitch.com](http://www.ditchwitch.com)

#### About the Ditch Witch<sup>®</sup> Organization

Ditch Witch, a Charles Machine Works Company, invented the underground utility construction industry and today it designs, manufactures and markets the most complete line of directional drills, drill pipe, HDD tooling, vacuum excavators, trenchers, chain, teeth and sprockets, mini-skid steers and vibratory plows. Handcrafted in the USA, its products are supported by the Ditch Witch dealer network with over 175 locations worldwide.

Visit [www.DitchWitch.com](http://www.DitchWitch.com), Ditch Witch Facebook, Flickr and Twitter pages, and YouTube channel to find more details about Ditch Witch products, events, financial services, special offers, videos, photos, and other information. Contact Ditch Witch at [info@ditchwitch.com](mailto:info@ditchwitch.com) or 800-654-6481.



[www.herrenknecht.com](http://www.herrenknecht.com)

**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 and equipment for transport tunnels (Traffic Tunnelling) and supply and disposal tunnels (Utility Tunnelling). The range of products also includes services in the area of technical consultancy, planning and supervision for tunnelling projects as well as personnel solutions to complement construction site crews on a temporary basis.

Herrenknecht additionally manufactures innovative installation technology that paves its way through the underground at key points to build and extend pipeline networks. With our HDD rigs and unique methods such as Direct Pipe<sup>®</sup>, Pipe Express<sup>®</sup> and E-Power Pipe<sup>®</sup>, pipelines can be installed underground even more quickly and cost-effectively.



[www.l-team-baumaschinen.de](http://www.l-team-baumaschinen.de)

**L-Team Baumaschinen GmbH** - The professionals for special construction machines for cable and pipeline engineering

Founded April the first in 2014 the L-Team Baumaschinen GmbH is based in the Wetterau/Hesse on the Wernershof 1, 63691 Ranstadt, 35 km northeast of Frankfurt on the Main. Meanwhile the company is constituted of 20 employees who work as an committed team of mechanics, drilling technicians and customer consultants along with owner-managed service with nearly 30 years of experience in sales, service and support of construction machines from the US manufacturer Ditch Witch®. These include horizontal directional drills (HDD), walk behind and ride-on trenchers, mini skid steers, vibration cable plows and varied accessories for all machines.

L-Team Baumaschinen GmbH is Ditch Witch® dealer for the southwest of Germany in sales, leasing, service, support, training and spare part delivery.

In addition the L-Team Baumaschinen GmbH distributes Germany-wide and across the German borders her own Modular Recycling System (MRS) for sludge dewatering, all kinds of drilling fluids recycling, separation and processing. These mobile or stationary recycling units are modular constructed systems that can be built specially at the demands of the customer. The core of the MRS are for mineral use optimized decanter in different sizes for sand and gravel washing water processing, HDD, microtunneling, geothermics etc. The smallest mobile unit built on a 3.5 t trailer is the MRS 150 Mini Trailer which at the beginning of the year had been distinguished at the VDBUM e.v. advanced seminar with the 3rd place in the category „Innovations from experience“.

Beside the sale and the possibility to rent a recycling unit the L-Team provides a comprehensive service and support for the Modular Recycling System.

A quick, reliable service and customer friendliness in every department as well as continuous training of the employees represent the corporate philosophy.

## Sponsors

**TRACTO-TECHNIK**[www.tracto.technik.de](http://www.tracto.technik.de)

**TRACTO-TECHNIK** develops, produces and markets machines and accessories for the underground installation and renewal of pipelines. These trenchless NODIG technologies are used for the construction of supply networks for water, gas and power, telecommunications, district heating, fibre optic cable networking and in pipeline construction as well as in sewage disposal. The customers who use these special machines mainly come from the area of civil engineering and specialized civil engineering, but also include utility companies and network operators.

**Inspiring trenchless technologies**

The economical and ecological advantages of trenchless technologies compared with open trenching are obvious: Valuable surfaces are protected, time-consuming and expensive excavation and restoration work is not required, there are no traffic jams or diversions, only low emissions of noise, CO<sub>2</sub> and particulate matter and the actual construction times are shortened significantly.

Our unique product portfolio covers the entire range of trenchless pipeline construction for supply and disposal. Be it soil displacement hammers and mini drilling systems for installing service connections, ramming machines for pipeline construction, HDD systems for crossing traffic routes and waterways or pipe bursting systems for pipe renewal. Because our claim is to not only provide reliable technology, but also complex and flexible solutions.

**Strong customer focus**

We all pursue the aim of providing our customers with products and services of outstanding quality, which can be used efficiently at a high environmental standard. Doing so, our corporate values are the foundation of our thoughts and actions and the touchstone for our daily work. We approach our daily challenges with enthusiasm, clarity, independence and a down-to-earth attitude.



[www.normag.nl](http://www.normag.nl)

**Normag** develops and produces high quality systems for the Tunneling and Horizontal Drilling Industry. The company uses innovative technology based on many years of practical experience in the development and construction of HDD installations.

Main scopes in engineering are compact installations with high capacity, modular with best on market rig-up time, low environmental impact, low costs of ownership and high safety levels.

Normag manufactures installations both in series as well as custom-build. We offer packages where performance and capacities of various models match perfectly.

Recently our portfolio has been enlarged with two models of HDD rigs. These direct electric driven rigs have economical advantages as well as lower environmental impact, e.g. by reducing noise level.

Our solid control systems meet CSC certification and are therefore worldwide transportable on seagoing vessels.

Our customers are mainly HD drilling and tunneling contractors, some of our customers work on shore as well as offshore.

## Sponsors



[www.prime-drilling.de](http://www.prime-drilling.de)

**High quality, reliable performance and economic efficiency mark our machinery!**

**PRIME DRILLING** operates worldwide with 35 years of experience in the construction of HDD-rigs. Product quality is our highest priority. That is why we are keeping development, manufacture and assembly entirely under one roof at our facility in Wenden, Germany – quality and reliability “made in Germany”.

This concept enables short development phases and optimized manufacturing processes under compliance with the highest quality standards. Every individual drill rig, which leaves our company, has been tailor-made for the customer and his specific requirements. From the beginning, having a fascination for enthusiasm has made us one of the leading manufacturers of HDD drill rigs.

Whether midi, maxi or mega – our completely individually manufactured drill rigs prove their high level of performance by reliability and a long service life. Engine capacity up to 940 KW, boreholes of up to 3,000 m and more in length, push/pull forces of up to 6,000 kN and torques of up to 180,000 Nm characterize our rigs. Our modular constructions allow disassembly and assembly in record time, saving the customer both time and money.



[www.vermeer.com](http://www.vermeer.com)

As an industrial and agricultural equipment company, **Vermeer Corporation** designs, manufactures and supports machines that make a real impact in a progressing world. Vermeer offers customers a full line of high-quality pipeline, utility, surface mining, tree care, landscape, rental, recycling, forestry and agricultural equipment, which carries a reputation for being built tough, built to perform and built for value.

Headquartered in Pella, Iowa, U.S.A., with affiliated companies and independent dealer locations around the world, Vermeer is committed to meeting customers' needs in more than 60 countries. Those customers are at the core of the business and backed by reliable, localized customer service and support provided by independent dealers. That support has been part of the culture at Vermeer for more than seven decades.

Find more information about Vermeer Corporation, product lines, the dealer network and financing options by visiting [vermeer.com](http://vermeer.com).

## Meeting Place - Presenter

**Meeting Place**

**Dorint Hotel**  
Frankfurt/Oberursel

Adress:  
Königsteiner Straße 29  
61440 Oberursel (Taunus)  
Germany  
Phone: +49 6171/ 2769-930  
Internet:  
[www.hotel-frankfurt-oberursel.dorint.com](http://www.hotel-frankfurt-oberursel.dorint.com)

**Dorint**

Hotel  
Frankfurt · Oberursel

**Host**

Drilling Contractors Association (DCA Europe)  
Verband Güteschutz Horizontalbohrungen e.V.  
Association des Entrepreneurs de Forage Dirigé

**Further Information****DCA Office**

Dipl.-Geol. D. Quante  
Charlottenburger Allee 39  
52068 Aachen, Germany

Phone: +49 (0) 241 - 90 19 290

Fax: +49 (0) 241 - 90 19 299

Mobile: +49 (0) 175 - 52 67 801

E-Mail: [dca@dca-europe.org](mailto:dca@dca-europe.org)

Internet: [www.dca-europe.org](http://www.dca-europe.org)