

No Dig India Show 2019

11th & 12th December 2019
Aerocity, Opposite Pullman Hotel,
New Delhi, INDIA

Tentative Program

DAY 1 – 11 December 2019	
Wed, 11 Dec 09:00 AM - 12:00 PM	Delegate & Visitor Registration Registration #Registration Counter Registration of Delegates, Exhibitors, Sponsors & Visitors
Wed, 11 Dec 10:00 AM - 11:00 AM	Inauguration Ceremony Opening Ceremony #Hall A <ul style="list-style-type: none">• Guest Welcome• Lamp Lighting• Tribute to Late Sh. Prashant J Mehta, Former Director, KEM-TRON Technologies Pvt. Ltd.• Welcome address by Dr. P S Rana, Chairman, Construction Industry Development Council• Address by Dr. Uddesh Kohli Chairman Engineering Council of India (ECI)• Address by Mr. Prabhakar Singh, Director General, CPWD• Signing of MOC between CPWD & ECI• Release of three sets of INDSTT Publications:<ul style="list-style-type: none">• Schedule of Rates 2020• Souvenir issue of No Dig India Journal 2019• NDIS 2019 Exhibitor Directory• Presentation of Mementoes• Vote of Thanks by Dr. P.R. Swarup, Chairman IndSTT
Wed, 11 Dec 11:00 AM - 11:30 AM	Tea & Coffee Break Break #Hall B
Wed, 11 Dec	Mr. Sunir Garg, Director, Gypsum Structural India Pvt. Ltd.

<p>11:30 AM - 12:00 PM</p>	
<p>Wed, 11 Dec 12:00 PM - 12:20 PM</p>	<p>Safety in Executing HDD – Your Investment for Your Success Session #Hall A Safety in Executing HDD – Your Investment for Your Success – Better quality HDD machines are expected to have been designed and built with safety in mind; but it takes more than machine engineering to prevent accidents. Owners, operators and crew members must use the machines properly and pay attention to proper jobsite safety management. The session shall highlight the importance of safety in HDD operations and educate delegates about the ill effects of ignoring it.</p> <p>By Mr. Aditya Gund, Regional Manager, Vermeer Equipment India Private Limited</p>
<p>Wed, 11 Dec 12:20 PM - 01:15 PM</p>	<p>No more Jams in Sewer Pipe Networks-Solutions through Robotic Cutter and Robotic Pipe Jetting Machines Workshop #Hall A The workshop would cover innovative equipment to be used for sewer pipe network maintenance like Robotic Milling machine to remove deposited silt/concrete, Robotic Cutters to cut roots obstructing the flow and Robotic Water Jetting machine for Pipe Jetting Machines, which could remove jams for the pipes ranging from 100mm to 1200mm or even bigger man entry pipes, with ease, while flow is on. Weights of such machines are between 50 kg to 70 kg. It works well for Storm Water Drainage Pipe networks as well.</p> <p>By Mr. Holm Reisinger, Business Development Director, IST Germany & Mr. M K Zaman, Managing Director, Globalbiz MS Pvt Ltd</p>
<p>Wed, 11 Dec 01:15 PM - 02:00 PM</p>	<p>Lunch Break Break #Hall B</p>
<p>Wed, 11 Dec 02:00 PM - 02:30 PM</p>	<p>AURORA VISION – HDD Locating Training Made Simple Session #Hall A Aurora Vision is a cost-effective, risk free, fully immersive and interactive virtual reality training simulator of HDD locating subjects in almost real jobsites with 360-degree of freedom. Here user will have complete freedom of subject selection, decision making, understanding complex HDD subject by performing virtual hands-on with HDD products and taking an assignment to perform a drill job. Gamification of Virtual training added another mile to make this virtual training a virtual journey with fun. Aurora Vision session covers effective training of several HDD locating subject in details that include HDD Basics, HDD Safety, DCI Products, Locator Basics, Transmitter Selection, Active & Passive Interference, Frequency</p>

	<p>Optimization, Pairing, Calibration, Locate Points (FLP-RLP-LL), Height Above Ground (HAG), Drill Commands, Steep and Deep, Log While Drilling (LWD) & Drilling in Paris Jobsite.</p> <p>By Mr. Ehteshamul Haque, General Manager, Asia-Pacific & Mr. Vishal Kumar, Software Architect III, DCI Inc.</p>
<p>Wed, 11 Dec 02:30 PM - 03:00 PM</p>	<p>Overcoming ageing pipeline infrastructure in a sustainable way through Spiral Wound Lining Session #Hall A</p> <p>As the underground infrastructure ages around the world, it is essential to improve the structural integrity of the existing sewer network in a sustainable way.</p> <p>Machine Spirally Wound Lining (MWSL) is one of the leading trenchless technologies for sewer pipe rehabilitation. It is applicable not only for circular pipes but also for box culverts and other odd shapes. This presentation will provide a basic understanding and advantages of Spirally Wound Lining. Challenging case studies using Spiral Wound Lining from around the world will be shared.</p> <p>The Machine Spirally Wound Lining (MWSL) process is one such solution, employing a rigid PVC profile strip with an integral steel reinforcement band together with a structural grout in order to provide a composite structure capable of withstanding the applied loads.</p> <p>The system offers several advantages:</p> <ul style="list-style-type: none"> • It can be installed in live flow conditions, subject to operator safety • It is adaptable to host pipe conditions, including bends and offsets • It provides a hydraulically efficient joint free liner • It is installed through existing access points with low social impact <p>The MWSL system could be designed in accordance with well-established tunnel theory and has undergone extensive testing and independent evaluation to confirm load carrying capacity under a variety of conditions.</p> <p>Projects employing the SPR system have been completed within the United States, Asia and Europe, including rectangular, elliptical, horseshoe and egg-shaped conduits.</p> <p>This presentation describes the MWSL system, testing and evaluation performed and projects undertaken – demonstrating the potential for application in solving similar deteriorated conduit problems faced in Asia.</p> <p>By Mr. Sean Lim, General Manager, Sekisui Singapore Pte</p>
<p>Wed, 11 Dec</p>	<p>Tea & Coffee Break Break #Hall B</p>

<p>03:00 PM - 03:30 PM</p>	
<p>Wed, 11 Dec 03:30 PM - 04:30 PM</p>	<p>Guided Auger Boring for small diameters in all ground conditions Session #Hall A The Guided auger boring method is a proven method in soft soils. With the Groundwater auger and bentonite lubrication even ground water bearing soils can be managed. The guided auger boring method is now extendable to hard soils, soft and hard rock up to 250 MPa with the use of the cutting-edge Front Steer system and different possibilities of cutting wheel and DTH hammer.</p> <p>With these two techniques a wide range of ground conditions can be tackled for on-grade pipes and for almost all kinds of pipe material.</p> <p>Both methods are robust, affordable, easy to handle and unbeatably accurate.</p> <p>The Front Steer system equipped with down-the-hole hammer allows most accurate pipe jackings even for small diameters starting with 324 mm OD in hard rock up to 200 to 250 MPa.</p> <p>Although these techniques have been successfully proven, each new pipe jacking job has to be designed, investigated and prepared as best as possible as an essential condition for the success of trenchless pipe jacking job.</p> <p>Dr. Heinz Plum, Managing Director, Bohrtec GmbH</p>
<p>Wed, 11 Dec 04:30 PM - 05:00 PM</p>	<p>Trenchless Technology works in Business area of a City Session #Hall A To execute any improvement/rehabilitation of underground infrastructures in the business district, the same become a hard task for the development agencies. Everybody has become anxious in fear of difficulties may be cropped up for the new excavation that may require to lay or change the existing old and worn-out infrastructure may be water supply, telephone /electric cable sewer lines etc. The traffic department is anxious to maintain the flow of traffic/probable way of diversion required etc. The electric /telephone department are anxious in fear of damage of their old and unspecified route services due to open cut excavation for laying new infrastructure. The existing Water & Sewerage department became anxious for probable damage to their existing utilities may be due to close excavation of long trench for installing the new infrastructure. The businessman thought of their loss of activity due to the excavation of the road, everybody fears of suspension of their usual / routine works apprehending the open cut of trenches and the time require for restoring the normal condition. But the new infrastructure may will ease if the work is done with the execution through Trenchless Technology method. The session shall be covering the above matters.</p> <p>By Mr. Tarit Kumar Mukherjee, Retired Chief Engineer, Kolkata Municipal Corporation, Consultant, STUP Consultant Pvt. Ltd.</p>

<p>Wed, 11 Dec 05:00 PM - 05:30 PM</p>	<p>Sustainable development through Trenchless Technology Keynote #Hall A Trenchless Technology methods are becoming some of most preferred construction methodologies in underground utility industry as they are capable of assisting sustainable development. Underground space is a finite resource and needs to be utilized in ways that meet present societal needs without reducing the ability of future generations. Unregulated or uncontrolled construction practices lead to unsustainable usage of this space and should not be practiced.</p> <p>By Dr. Niranjan Swarup, Director General, Indian Society for Trenchless Technology)</p>
<p>Wed, 11 Dec 05:30 PM - 06:30 PM</p>	<p>Live Demo Networking #Hall C Exhibition Visit, Live Demo, B2B and Networking</p>
<p>Wed, 11 Dec 07:00 PM - 11:00 PM</p>	<p>Delegate Welcome Dinner & Cocktail Dinner + Cocktail #Hall B Delegate welcome Dinner & Cocktail, Networking</p>
<p>Day 2 – 12 December 2019</p>	
<p>Thu, 12 Dec 10:00 AM - 10:30 AM</p>	<p>Mapping the Bore Session #Hall A The Underground utilities are increasing manifold across the Globe. Pre- laid utilities over the years have minimal records and existing users are facing extremely difficult to score their way out of the underground web to lay fresh utilities. This situation is warranting the use of mapping the fresh underground bores for the future, maintenance and allow others to lay fresh utilities without damage to the existing ones.</p> <p>By Mr. Rajeev Gupta, Director, Underground Magnetics Pvt. Ltd.</p>
<p>Thu, 12 Dec 10:30 AM - 11:00 AM</p>	<p>UV-cure provide complete CIPP solution based on international standards Session #Hall A Water is an essential natural resource for human existence. A large percentage of the world-wide infrastructure distribution networks is currently in need of rehabilitation. To achieve a sustainable wastewater and water supply network, technologies are needed to be developed which are environmentally friendliness to reduce the water loss and avoid environmental pollution.</p> <p>The various techniques using both new-lay and conventional ‘no-dig’ method like "CIPP needle felt hot water curing" which have been considered in the past must</p>

	<p>consider the future needs with emphasis placed on economic and environmental factors. Following these requirements and based on the continuous development of a ECR-fiberglass liner with UV curing for gravity and pressure pipes up to DN1600 mm all shapes it is possible to rehabilitate deteriorated and fully deteriorated pipe systems and manholes by installing a Saertex UV-Saertex liner(CIPP= Cured in Place Pipe).</p> <p>The innovative complete trenchless system is rapid (1) (less than 8 hours installation), (2)stop water leakage, (3) prevents corrosion,(4) preserve the water quality, (5)suitable to improve structural integrity of pipe systems, (6) restore watermain hydraulic capacity (7) suitable in pipes of different diameters up to DN 1600mm and all shapes, (8) economical compared with the cost of replacing pipe (9)use of environmentally friendly materials (certified and styrene free), (10)not disruptive for the environment and their operating activities.</p> <p>The speaker will introduce Saertex GRP-Liner for fast, sustainable in-place rehabilitation of Wastewater, Potable Water & Gas pipelines.</p> <p>By Mr. Hans Jürgen König, Director Asia Pacific, Saertex Multicom GmbH</p>
<p>Thu, 12 Dec 11:00 AM - 11:30 AM</p>	<p>Emerging Polymer Solutions in Pipeline Construction Session</p> <p>Developments in Thermoplastics have kept pace with the Technological Growth of Pipeline Network installations to provide cost effective solutions. Detectable pipes of Crack resistant Polymers and Modern jointing techniques are being evaluated for new infrastructure projects and the specially engineered corrosion resistant liners are optimizing construction with conventional materials.</p> <p>By Mr. Yogesh Kumar, Director - Strategy & Development, Sangir Plastics Pvt. Ltd.</p>
<p>Thu, 12 Dec 11:30 AM - 11:50 PM</p>	<p>Tea & Coffee Break Break #Hall B</p>
<p>Thu, 12 Dec 11:50 PM - 12:40 PM</p>	<p>UV Curing machine for CIPP and Removal of CIPP Liner from Sewer Pipes through Robotic machines Session #Hall A</p> <p>The session would discuss a wide range of UV Curing machines (400 to 2000 watts) suitable for CIPP liners, with diameter ranging from 80mm to 1600mm. It would also present efficient steam curing machines for CIPP liners and different kind of accessories available for such machines. In addition, it would also discuss small vehicles with built-in Water Heating System. Such vehicles could be customized with all maintenance accessories to make the work mobile and easy and therefore quite useful for participants.</p>

	By Mr. Holm Reisinger, Business Development Director, IST Germany
Thu, 12 Dec 12:40 PM - 01:00 PM	<p>Subsurface Utility Mapping - A paradigm shift in subsurface assets development and management Session</p> <p>#Hall A</p> <p>A paradigm shift in subsurface assets development and management- Trenchless activities are generally performed in subsurface environs, where the created utilities are buried. Pre-existing utilities pose challenges for trenchless technologists, as what is buried is out of sight, and that way out of mind. If one is not aware of the presence of such utilities, possibilities are that the machine could damage the utility. To reduce these challenges subsurface utility mapping is the most effective solution. In this direction, IndSTT has published the Code of Practice for SUE and the session shall be discussing this code and essential competencies to prepare and certify Subsurface Utility Maps.</p> <p>By Dr. Sanjay Rana, Managing Director, Parsan Overseas (P) Ltd</p>
Thu, 12 Dec 01:00 PM - 01:45 PM	<p>Lunch Break Break</p> <p>#Hall B</p>
Thu, 12 Dec 01:45 PM - 02:30 PM	<p>Structural rehabilitation solution (MWSL) for non-circular conduits Workshop</p> <p>#Hall A</p> <p>By Mr. Sean Lim, General Manager, Sekisui Singapore Pte</p>
Thu, 12 Dec 02:30 PM - 03:00 PM	<p>Transferring Communities with CIPP Session</p> <p>#Hall A</p> <p>By Mr. William Wong, General Manager – Technical Sales, Asia Pacific, Aegion Corporation</p>
Thu, 12 Dec 03:00 PM - 03:30 PM	<p>Upgrade and Strengthening of Pipes and Water Distribution Systems with the Tyfo Fibrwrap Composite Systems Session</p> <p>#Hall A</p> <p>This session will present and highlight the use of Fibre Reinforced Polymers (FRP's) for Strengthening of Pressure Pipes in Water Distribution System Networks and other Related Facilities with the Tyfo® Fibrwrap® Composite Systems. Since 1997, he has been involved been instrumental in the successful propagation and marketing efforts of the Fibre Reinforced Polymers for structural strengthening in</p>

	<p>the Asia-Pacific region through R&D, direct technical marketing, seminars and conferences. He has published several papers in regional journals as well as global conferences.</p> <p>By Mr. Rustom Jamaji, Senior Vice President, Aegion Fyfe Asia</p>
<p>Thu, 12 Dec 03:30 PM - 04:00 PM</p>	<p>Tea & Coffee Break Break #Hall B</p>
<p>Thu, 12 Dec 04:00 PM - 04:30 PM</p>	<p>Pipe renovation by Close Fit Liner- Compact Pipe Session #Hall A</p> <p>Lining with close-fit pipes, and in particular with Compact Pipe, has become a very interesting option to deal with pipelines in need of rehabilitation, in particular there were the existing pipelines are located in busy city centres, where digging in the streets should be limited to the absolute minimum.</p> <p>This paper presents the characteristics of Compact Pipe, illustrated with a number of case histories from around the World.</p> <p>By Mr. Rajesh Bhole, Area Manager - South Asia, Wavin Overseas B.V., the Netherlands</p>
<p>Thu, 12 Dec 04:30 PM - 06:00 PM</p>	<p>Certificate Distribution & Vote of Thanks Closing Ceremony #Hall A</p>