

MIDWEST SOCIETY FOR TRENCHLESS TECHNOLOGY  
P.O.BOX 568  
SELMA, AL 36702-0568 \* [www.mstt.org](http://www.mstt.org)

DIFFERENT PRESENTERS WITH **NEW TOPICS EVERY HALF HOUR ON TIME**. STUDY TECHNIQUES AND METHODS, SEE HOW THE EQUIPMENT PERFORMS AND REVIEW CASE STUDIES WITH COST SAVING ALTERNATIVES. VISIT EXHIBIT TABLES, LEARN & NETWORK SEMINAR OFFERS **6 PDHs & A \$100 DRAWING**.

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**MIDWEST SOCIETY FOR TRENCHLESS TECHNOLOGY (MSTT)  
AND  
THE ENGINEERS' CLUB OF ST. LOUIS**

PRESENT

**THE TRENCHLESS TECHNOLOGY SEMINAR  
"Trenchless Technology, SSES and Buried Asset Management"  
All Day Wednesday, October 26, 2022  
The Hilton St. Louis Union Station Hotel, St. Louis, MO**

**GUEST  
PRESENTER**



**"TRENCHLESS TECHNOLOGY AT ST. LOUIS MSD"  
Mr. Allen Muehlher, P.E., Assistant Director of Engineering,  
Construction Management Division, St. Louis MSD**

**WHO SHOULD ATTEND**

Public officials, engineers, utility company personnel, designers, and contractors who are involved with constructing, rehabilitating, and managing utilities and others that would benefit by attending this Trenchless Technology seminar.

**WHAT IS MSTT?**

Midwest Society for Trenchless Technology (MSTT) is a *non-profit* organization established in the Midwest United States to "Promote Trenchless Technology Through Education And Development For The Public Benefit. States in MSTT's region are Minnesota, Iowa, Missouri, Wisconsin, Illinois, Kentucky, Michigan, Indiana and Ohio. MSTT's web site is [www.mstt.org](http://www.mstt.org). MSTT is a Regional Chapter of the North American Society for Trenchless Technology (NASTT) ([www.nastt.org](http://www.nastt.org)) which is a Regional Chapter of the International Society for Trenchless Technology (ISTT) ([www.istt.com](http://www.istt.com)). The Federal I. D. Tax Number is: 35 2053917.

**HOTEL AND VENUE INFORMATION**

Each person is responsible for making his/her own lodging arrangements. A block of rooms has been reserved at the **The Hilton St. Louis Union Station Hotel, St. Louis, MO (314) 231-1234** for this event at the special room block rate of **\$109.00 per night** and ask for **MSTT room block rate**. The hotel address is **1820 Market St, St. Louis, MO 63103**

**ATTENDEE COST**

The registration fee for attendees is \$150 for one person or \$125 for each person, if multiple attendees from the same company or organization, and these include all program materials, electronic record copies, refreshments, meals, classroom presentations, PDHs, exhibit hall and social hour. NASTT members have a special fee of \$100 each. We accept cash, check, credit card or we will invoice you as needed. Registration fees are refunded for cancellations. Register early to be included in seminar handouts and get PDH certificate of completion at the seminar. Late registrations will have PDHs mailed to them.

**YOU CAN REGISTER AS FOLLOWS:**

Go on line at [www.mstt.org](http://www.mstt.org) at our secure site with credit card or we will invoice you.

Or print the registration form found online and FAX the completed form to **(334) 872-9500**.


Or call Leonard Ingram or Darlene Tennimon at **(334) 872-1012**. You can also register at the seminar.

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## MSTT ST. LOUIS SEMINAR FINAL PROGRAM

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### WEDNESDAY, OCTOBER 26, 2022

- 8:00 am **REGISTRATION & CONTINENTAL BREAKFAST IN EXHIBIT HALL SPONSORED BY PRETEC DIRECTIONAL DRILLING**
- 8:30 am **WELCOME ADDRESS**, Leonard Ingram, PWAM, MSTT Executive Director
- 8:45 am **Buried Asset Management Institute – International (BAMI-I) & Certification Of Training In Asset Management (CTAM) Program**, Leonard Ingram, PWAM, BAMI-I Treasurer
- 9:00 am **Pipe Jacking – Choosing Your Method**, Jon Valin, Akkerman
- 9:30 am **Reinforcing Progress In Ground Support**, Matthew Przymus, DSI Underground
- 10:00 am **BREAK IN EXHIBIT HALL SPONSORED BY DSI UNDERGROUND**
- 10:30 am **GUEST DECEASED**  **“TRENCHLESS TECHNOLOGY AT ST. LOUIS MSD”**  
**Mr. Allen Muehlher, P.E., Assistant Director of Engineering,**  
**Construction Management Division, St. Louis MSD**
- 11:00 am **Guided Boring Using Pilot Tubes - Methodology & Case Studies**, Jeff Boschert, PE, National Clay Pipe Institute
- 11:30 am **Internal Joint Seals**, Jeremy Keininger, Miller Pipeline Corporation
- 12:00 pm **LUNCH IN EXHIBIT HALL SPONSORED BY MILLER PIPELINE CORPORATION**
- 1:00 pm **Biogenic Corrosion And Cementitious Materials**, Steve Daul, IMERYS
- 1:30 pm **Using Advanced Inspection Technologies To Forecast Remaining Useful Life For Large Wastewater Interceptors**, Mark G. Wade, P.E., BlueWater Solutions Group, Inc.
- 2:00 pm **BREAK IN EXHIBIT HALL SPONSORED BY BLUEWATER SOLUTIONS GROUP**
- 2:30 pm **Considerations For Trenchless Pipe Selection**, Jeremy Howard, Permalok Corporation - NWP
- 3:00 pm **Vivax-Metrotech vLoc3 RTK-Pro Features & Benefits**, Matt Manning, EGW / Vivax-Metrotech
- 3:30 pm **CLOSING COMMENTS**, Leonard Ingram, PWAM, MSTT Executive Director
- 3:35 pm **DRAWING - For One Hundred Dollar Bill - Attendees Only And They Must Be Present To Win**
- 3:40 pm **ISSUE CERTIFICATES** - Participation And Professional Development Hours Certificate (PDH) Distribution

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## **COST AND REGISTRATION**

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### **EXHIBITOR AND FOOD SPONSOR COST**

Exhibit tables cost \$675 for NASTT Members and \$775 for NON Members and includes one person. Food Sponsorships cost \$650 for NASTT Members and \$750 for NON Members and includes one person. Extra Exhibitors or Extra Food Sponsor persons cost \$175 each to cover the food cost. These fees include the PDHs, certificates, food, classroom, exhibit hall and social hour.

### **FOR MORE INFORMATION**

For questions about program content, registration or cost, please contact Leonard Ingram, MSTT Executive Director or Darlene Tennimon, MSTT Assistant E.D.: (334) 872-1012, Fax: (334) 872-9500, email: [darlene@engconco.com](mailto:darlene@engconco.com) website: [www.mstt.org](http://www.mstt.org).

### **SEMINAR PLANNING COMMITTEE**

Mr. Allen Muehlher, P.E., Metropolitan St. Louis Sewer District, Assistant Director of Engineering,  
Construction Management Division  
Mr. Kent Kothoff, P.E., Program Manager, Capital Construction, St. Louis MSD  
Mr. John Killips, P.E., Engineer, GHD Engineering and Past President of The Engineers' Club of St. Louis  
Mr. Jeff Boschert, P.E., National Clay Pipe Institute, MSTT Past Chairman  
Mr. Leonard Ingram, PWAM, Engineering Consultants Company and MSTT Executive Director  
Ms. Darlene Tennimon, MSTT Assistant Executive Director