



LEARN MORE ABOUT TRENCHLESS TECHNOLOGY, SSES AND BURIED ASSET MANAGEMENT !

DIFFERENT PRESENTERS WITH **NEW TOPICS EVERY HALF HOUR**. STUDY TECHNIQUES AND METHODS, SEE HOW THE EQUIPMENT PERFORMS AND REVIEW CASE STUDIES WITH COST SAVING ALTERNATIVES. VISIT THE EXHIBIT TABLES, LEARN & NETWORK. SEMINAR OFFERS **12 PDHs & A \$200 DRAWING** * www.mastt.org or call (888) 817-3788

GUEST



"PITTSBURGH'S TRENCHLESS PROGRAM"

Robert Christian, P.E., Director, Pittsburgh Water and Sewer Authority
David Troianos, P.E., Project Engineer, Chester Engineers



THE MID ATLANTIC SOCIETY FOR TRENCHLESS TECHNOLOGY (MASTT)
AND
ASCE PITTSBURGH SECTION
ENVIRONMENTAL WATER & RESOURCES INSTITUTE (EWRI)
PRESENT

THE TRENCHLESS TECHNOLOGY SEMINAR
"Trenchless Technology, SSES and Buried Asset Management"
Wednesday & Thursday, August 13th & 14th, 2014
WYNDHAM GRAND PITTSBURGH DOWNTOWN HOTEL

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 MASTT

The Mid Atlantic Society for Trenchless Technology (MASTT) is a non-profit organization established in Pennsylvania in 2004 for the following states: Delaware, Maryland, New Jersey, Pennsylvania, Virginia, West Virginia and the District of Columbia. MASTT is a regional chapter of the North American Society for Trenchless Technology (www.nastt.org) which is affiliated with the International Society for Trenchless Technology (www.istt.com). The purpose of MASTT, NASTT and ISTT is to promote education and development of Trenchless Technology for public benefit. MASTT's website is www.mastt.org. MASTT's Federal I. D. Tax Number is: 54-2161976. MASTT was established to "promote education and development of Trenchless Technology for public benefit".

HOTEL INFORMATION

Each person is responsible for making his/her own lodging arrangements. A block of rooms has been reserved until **Wednesday, August 6, 2014** at the Wyndham Grand Pittsburgh Downtown Hotel for this event are at the special rate of \$ 149.00 / per night. The hotel's telephone number is (412) 391-4600 and address is 600 Commonwealth Place, Pittsburgh, PA 15222. Please call the hotel and ask for the room block for the MASTT Trenchless Technology seminar.

ATTENDEE COST

The registration fee for attendees is \$260 for one person or \$220 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. ASCE members and NASTT Members have a special fee of \$200 each when requested. We accept cash, check, purchase orders or we will invoice you as needed. Multiple attendee fees from the same organization are negotiable. Please call or email. Registration fee 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.mastt.org under "Current Seminar" 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 Toll Free at (888) 817-3788.
- Or mail the completed registration form ASAP to MASTT, P.O. BOX 568, Selma, AL 36702-0568.
- Or You can also register at the seminar if necessary.

SEMINAR PROGRAM

WEDNESDAY, AUGUST 13TH, 2014

8:00 am **REGISTRATION & CONTINENTAL BREAKFAST IN EXHIBIT HALL**

8:30 am **WELCOME ADDRESS And "Liquid Assets" Overview Video**, Leonard Ingram, MASTT Executive Director

9:00 am **Trenchless Overview & NASTT Education Efforts**, Tom Iseley, Ph.D., P.E., Professor, Civil Engineering and Construction Engineering Technology and Director, Trenchless Technology Center, Louisiana Tech University

9:30 am **Geopolymer Cement Relining**, Scott Naiva, P.E., Milliken Infrastructure Solutions

10:00 am **BREAK IN EXHIBIT HALL SPONSORED BY SAK CONSTRUCTION, LLC**

10:30 am **Fold And Form PVC Liners For Sewer Rehabilitation**, David Ohayon, IPEX USA LLC

11:00 am **A Practical Approach To Sewer Manhole Rehabilitation**, John E. Davis, Sauereisen, Inc.

11:30 am **I&I Mitigation: Sewer Lateral Reconstruction & Sealing Main Connections**, David Archard, LMK Technologies

12:00 pm **LUNCH IN EXHIBIT HALL SPONSORED BY LMK TECHNOLOGIES**

1:00 pm **GUEST PRESENTER**  **"PITTSBURGH'S TRENCHLESS PROGRAM"**

Robert Christian, P.E., Director, Pittsburgh Water and Sewer Authority

David Troianos, P.E., Project Engineer, Chester Engineers

2:00 pm **Using Acoustic Inspection To Prioritize Sewer Cleaning**, George Selembo, PhD., InfoSense, Inc.

2:30 pm **Helping Penn. Agencies Locate, Quantify Infiltration & Certify Rehab Work**, Mark Grabowski, Electro Scan Inc.

3:00 pm **BREAK IN EXHIBIT HALL SPONSORED BY BURIED ASSET MANAGEMENT INSTITUTE- INTERNATIONAL**

3:30 pm **HDPE Municipal Piping Systems**, Camille G. Rubeiz, P.E., Plastic Pipe Institute

4:00 pm **BAMI-I & Certification Of Training In Asset Management (CTAM) Program**, Tom Iseley, Ph.D., P.E., Louisiana Tech University and Chairman, Buried Asset Management Institute - International

4:30 pm **Outweighing Risks For Reward - Microtunnel Unconventional Alignments**, Rory Ball, Hatch Mott MacDonald

5:00 pm **SOCIAL HOUR IN EXHIBIT HALL SPONSORED BY HATCH MOTT MACDONALD**

THURSDAY, AUGUST 14TH, 2014

8:00 am **CONTINENTAL BREAKFAST IN EXHIBIT HALL**

8:30 am **Relining Water Mains With Flexible High Pressure Pipes**, Ivan Zubiage, Raedlinger Primus Line, Inc.

9:00 am **Trenchless Solutions: Concrete Protective Liners & Thermoplastic Systems**, Grant Whittle, Agru America, Inc.

9:30 am **Trenchless Point Repairs - A Low Cost Permanent Solution**, Ron Dick, Infrastructure Repair Systems

10:00 am **BREAK IN EXHIBIT HALL SPONSORED BY THE TRENCHLESS TECHNOLOGY CENTER**

10:30 am **New Technology For Restraining Pipe & Fittings**, Tyler Perry, JM Eagle

11:00 am **Trenchless Technology Center Overview**, Tom Iseley, Ph.D., P.E., Director, Trenchless Technology Center, Louisiana Tech University

11:30 am **Cured-In-Place-Pipe**, Jerry D'Hulster, Perma-liner.

12:00 pm **LUNCH IN EXHIBIT HALL SPONSORED BY PERMA-LINER**

1:00 pm **Point Repairs: Another Tool In The Trenchless Toolbox**, Mike Moore, Source One Environmental, LLC

1:30 pm **Shotcreting Sewers And Culverts In Pittsburgh**, Lee Taylor, National Gunitite

2:00 pm **Small Pipe Relining Success Story**, Dennis C. Burger, TRY TEK Machine Works, Inc.

2:30 pm **DEMO: A Systematic Approach To Trenchless Point Repairs**, Mike Moore, Source One Environmental, LLC

3:00 pm **DEMO: Lateral Lining**, Jerry D'Hulster, Perma-liner.

3:45 pm **CLOSING COMMENTS**, Leonard Ingram, MASTT Executive Director

3:50 pm **DRAWING For Two One Hundred Dollar Bills - Attendees Only And They Must Be Present To Win**

3:55 pm **ISSUE CERTIFICATES** - Participation And Professional Development Hours Certificate Distribution

COST AND REGISTRATION

EXHIBITOR AND FOOD SPONSOR COST

Exhibit tables cost \$650 for NASTT Members and \$750 for NON Members and this includes one person to attend. Food Sponsorships cost \$600 for NASTT Members and \$700 for NON Members and this includes one person to attend. These fees include the PDHs, certificates, food, classroom, exhibit hall and social hour. Extra Exhibitors or Extra Food Sponsor persons cost \$125 each to cover the food cost and get the same as above.

FOR MORE INFORMATION

For questions about program content, registration or cost, please contact Leonard Ingram, MASTT Executive Director or Darlene Tennimon, MASTT Assistant Director: TOLL FREE (888) 817-3788,

Fax: (334) 872-9500, email: darlene@engconco.com website: www.mastt.org.

SEMINAR PLANNING COMMITTEE

Robert Christian, P.E., Director, Pittsburgh Water and Sewer Authority

David Troianos, P.E., Project Engineer, Chester Engineers

Kemal Niksic, P.E., Hatch Mott MacDonald And ASCE Pittsburgh Section President

Sam Shamsi, PhD, PE, Jacobs Engineering Group Inc. And ASCE Pittsburgh Section Continuing Education Committee Chair

Tom Iseley, Ph.D., P.E., Trenchless Technology Center Director And Civil Engineering Professor, Louisiana Tech University

Mr. Leonard Ingram, Engineering Consultants Company And MASTT Executive Director

Ms. Darlene Tennimon, MASTT Assistant Director