



CONFERENCE SESSIONS

Bonus Track

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SESSION 1

● 6/14/2022 | 9:50 a.m. - 10:20 a.m. (Texas Ballroom H)

Innovative Tank and Pipe Inspection Technology

In the 1990's API investigated noninvasive acoustic inspection techniques for aboveground storage tanks. While the research showed that noninvasive techniques could be implemented, high hardware costs, lack of computing power, and noise from operations causing errors in the analysis made industry acceptance difficult. Recent hardware and software developments have now overcome those issues. Low noise/low-cost electronics, increased computing power, and new image analysis software are resulting in new inspection developments that can be used while systems are in operation and still provide accurate and detailed information of tank and pipe condition noninvasively.

This session will discuss how newly developed ultrasonic mode imaging (UMI) technology can be applied to tank bottom inspections without draining the tank, be adapted for use in pipe inspections, and profile sludge levels without opening the tank.

- Laurie Wilkins, Marathon Petroleum (Moderator)
- Steven M. Ziola, PhD, Antech Systems

SESSION 2

● 6/14/2022 | 11:05 a.m. - 12:15 p.m. (Texas Ballroom H)

Terminal Field Workers... 30% More Productive Wearing a Smart Hat

The pandemic accelerated the transition to digital technologies. We all had to use a digital device when the expert could not travel. Once the device was acquired and integrated to Teams, dual verification could be done remotely without having to be in the terminal. Experts could see issues remotely and give suggestions from their home.

In this presentation Mike West, Terminal Manager for the Atlanta Kinder Morgan terminal, will explain his experience on the challenges involved in this paradigm shift. From understanding the value of empowering his people, to transforming the way work gets done.

He will share his experience walking us through the process of reaching consensus, getting approvals, and creating value to the company improving safety, compliance, transparency and saving costs.

Connected workers do their jobs safe, fast, and reliable. According to analysts in 3 to 5 years all field workers will wear smart glasses.

- Pratt Summers, Colonial Terminals (Moderator)
- Tennyson Reed, Acuraflo Inc.
- Michael West, Kinder Morgan