

Webinar Recording: IMPROVING SUBSURFACE NON-METALLIC UTILITY LOCATING USING SELF-ALIGNING ROBOTIC GROUND PENETRATING RADAR

A brief description of the webinar is shown below and the recording can be accessed at:

<https://www.youtube.com/watch?v=qSFUbcZrbNM>

WEBINAR: ROBOTIC MAPPING OF BURIED PIPE USING GPR

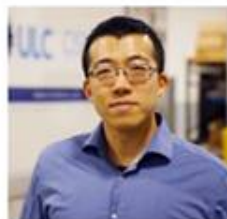
TIME: 37 MINUTES

Summary

ULC's GPR Mapping Robot will enable inspection companies and pipeline operators to detect hard-to-locate buried pipe with greater locating accuracy. ULC Technologies invites you to view our webinar to learn about the two-year PHMSA research and development project being concluded and for a virtual demonstration of the robot.

Description

ULC discusses the principle behind departing from conventional scanning methods and instead employing dual antennas and scanning modes. The prototype robot features are described that enable it to work in rural, suburban, and urban areas and provide improved locating accuracy. The results of computer simulation and subsequent testing at ULC's mock roadway have been shared. The improvements for detecting plastic pipe using key algorithms are demonstrated. Finally, the next steps for the robotic system development have been discussed.



Who Should View the Webinar:

- Companies seeking to improve detection of buried pipe and mapping their utilities
- Companies looking for improved locating accuracy
- Companies that want to prevent excavation damage

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