

Pipebots

Industry Webinar

Zoom: <https://zoom.us/j/94847923833>

Tuesday 15th December 2020 10:00-12:45

Agenda

Pipebots is an EPSRC funded programme grant which has a vision to move towards “failure free” operation of buried water, sewer and drainage pipe networks through the deployment of autonomous inspection robots. This biannual Pipebots industry event will provide updates on recent progress of the project, particularly focussing on the first integrated pipebot. Attendees will have the opportunity to ask questions and provide input to the project as it moves forwards.

10:00 Login, online registration and set up.

Welcome – purpose of the webinar

Kirill Horoshenkov

10:10 Sprint 2: Mk1 robot to inspect pipes (Sprintbot)

Pipebots researchers take part in periodic Sprints, which are fixed duration activities where the team works towards a specific goal.

The goal of Sprint 2 was to build an integrated robot with some degree of sensing capability to operate in a simplified above ground sewer network. Testing took place in October 2020. Here we will show what has been achieved in Sprint 2.

There will be an opportunity for participants to discuss and feed back on the capabilities of Sprintbot, our first prototype integrated robot.

Jordan Boyle

11:10 Online break

11:20 General progress and future plans / aspirations

We will give a short overview of the project’s technical progress, and future plans and aspirations for the remaining 40 months of the project.

This overview will be followed by small group discussions on how the next activities of Pipebots could better align to the specific needs of individual water industry organisations.

Simon Tait

12:10 Discussion forum

Plenary session for broader questions and discussion from all participants.

Joby Boxall

12:40 Summary and closing remarks

Kirill Horoshenkov

12:45 Close