

ROS FOR NUCLEAR SENSING WORKSHOP

09:30 - 11:30
13TH AUGUST 2020

HOW TO INTEGRATE RADIATION SENSORS WITH ROBOTS?

Current support for integrating radiation sensors with robots needs improvement. The Robot Operating system (ROS) is used to program and control robots, and there is a growing need across the UK and globally to join sensors and robots effectively.



AIM OF THE WORKSHOP

To design ROS message(s) for radiation information which are simple yet flexible enough to support a wide range of detectors of various designs to standardise sensor-robot communications.

JOIN THE DISCUSSION

Robot developers, instrument manufacturers, industrial users & radiation sensing experts are encouraged to join this workshop.

This workshop will feature an introduction to ROS, common radiation sensing instruments, and their applications with robots.

Participants will take part in group discussion to highlight key requirements for future ROS messages.

