



1st August 2018

10:00-15:00

Rheged Discovery Centre,
Pennine Gallery

Robotics for Extreme Environments Workshop

09:30-09:55	Coffee and Registration
09:55	Welcome
10:00-10:30	Darrell Morris , NDA, <i>'Technical Innovation in Nuclear Decommissioning'</i>
10:30-10:50	Antonio Di Buono , <i>'Wireless Communication in Nuclear Decommissioning Environments'</i>
10:50-11:10	Tommaso Pardi , <i>'Robotic operations in decommissioning environment'</i>
11:10-11:30	Mehdi Sobhani , <i>'Developing Interfaces for Human-Robot Interaction in Nuclear Decommissioning'</i>
11:30-11:50	Keir Groves , <i>'Functional Autonomous Surface Vehicles for Operation in Nuclear Storage Pools'</i>
11:50-12:10	Craig West , <i>'Towards Unknown Environment Mapping with Heterogeneous Robot Teams'</i>
12:10-12:45	Lunch
12:45-13:15	Frank Allison , FIS360, <i>'Innovation in Nuclear Decommissioning: The Game Changers Innovation Model'</i>
13:15-13:35	Alex Smith , <i>'Levels of Autonomy and Variable Autonomous Control'</i>
13:35-13:55	Wei Cheah , <i>'Motion Planning using Advanced Motions for Hexapods'</i>
13:55-14:10	Coffee Break
14:10-14:30	Matthew Nancekievill , <i>'Development of a Submersible for Nuclear Decommissioning and Characterisation'</i>
14:30-15:00	David Clark , Createc, <i>'Revealing Radiation - Autonomous Surveys of Nuclear Sites Around the World'</i>
15:00	End of Workshop