

Delivering change through the use of robotics at Sellafield

Thursday 19th September 2019 at

Energus, Lillyhall, Workington, CA14 4JW

08:00 – 10:00	<u>Exhibition Opens</u> Breakfast & Networking			
08:30 – 08:45	An Introduction to Robotics at Sellafield Chris Ballard (Sellafield Ltd.)			
09:45 – 10:00	<u>Conference Opens</u> Welcome – Introducing Game Changers, RAIN and Aims of the day Dr Frank Allison (FIS360) and Prof Barry Lennox (University of Manchester)			
10:00 – 10:20	Plenary Speech Dr Rebecca Weston (Sellafield Ltd)			
10:20 – 10:50	Robotics and Artificial Intelligence: Current & Future Capabilities Prof Barry Lennox (University of Manchester) and Dr Rob Buckingham (RACE)			
10:50 – 11:05	The Nuclear Industry - Challenges and opportunities for Robotics and AI Dr Katherine Eilbeck (Sellafield Ltd)			
11:05 – 11:45	The Cultural Impact of Robotics and Artificial Intelligence Alex Harvey (Ocado) and Ken McEwan (Sellafield)			
11:45 – 12:15	Real advances in RAI from recent University of Birmingham and NNL collaborations Prof Rustam Stolkin (University of Birmingham)			
12:15 – 12:30	How to get involved with Game Changers, RAIN and an Introduction to the workshops Paul Knight (NNL) and Prof Barry Lennox (University of Manchester)			
12:30 – 13:30	Lunch / networking / exhibition			
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13:30 – 14:15	SEMINAR 1 (Auditorium) Deployment solutions for working at height in high hazard areas	SEMINAR 2 (Enterprise) Removal of special nuclear material (SNM) packages	SEMINAR 3 (Encompass) Inspection of special nuclear (SNM) packages	SEMINAR 4 (Excellence) What does robotics and AI mean to you? (invitation only)
14:30 – 15:15	SEMINAR 1 (Auditorium) Deployment solutions for working at height in high hazard areas	SEMINAR 2 (Enterprise) Removal of special nuclear material (SNM) packages	SEMINAR 3 (Encompass) Inspection of special nuclear (SNM) packages	SEMINAR 4 (Excellence) Certifiable autonomous robotics and AI
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15:30 – 16:00	Sector expert and speaker Q & A panel session			
16.00	Event close			