

ICRA 2024 Workshop: Robotics and Automation for Nuclear Environments

Friday 17th May 2024

Yokohama, Japan

<https://ukaeaevents.com/robotics-for-nuclear-environments/>



This workshop aims to promote collaboration among roboticists in the nuclear fission and fusion fields, with a focus on enhancing robotic technology for challenging nuclear environments. Robots excel in tasks involving radiation, extreme conditions, and inaccessibility, offering safety benefits.

The workshop addresses challenges such as decommissioning nuclear facilities, managing waste, and enabling efficient maintenance in fusion energy devices. Robotic technology will be crucial for these tasks.

Despite advancements in technologies, regulatory and safety concerns persist, underscoring the need for collaboration between the fission and fusion communities to overcome shared challenges and advance the field.

Call for Posters: We invite poster submissions, especially from early-career researchers, showcasing ongoing research in robotics and automation for nuclear environments. Posters will be displayed all day, with a dedicated showcase session from 13:00 – 14:00.

Please submit a poster title and abstract to simon.watson@manchester.ac.uk by **Friday 12th April 2024**.

